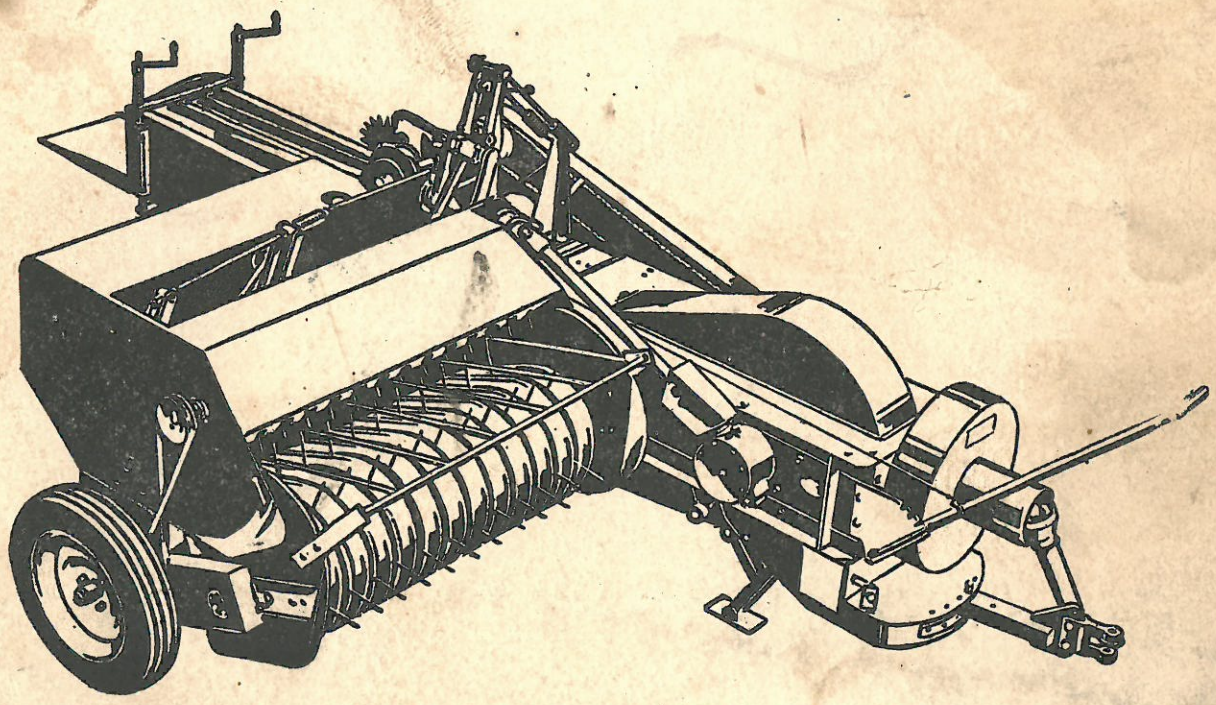
OPERATING INSTRUCTIONS

PARTS CATALOGUE

FOR

MODEL 300 BALER



ALLIS-CHALMERS GREAT BRITAIN LIMITED

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INTRODUCTION

Two years of intensive development have gone into the design of this baler and the outcome is an efficient high output machine suitable for the use of farmers and contractors in any part of the world.

The narrow width of the machine (8′) plus the short, compact baling chamber make the machine one of the most manoeuvrable in the world ; in addition to this, its relatively small size takes up the minimum floor space in storage.

Baling speed is exceptionally high and up to ten bales per minute can be obtained when conditions are favourable, this being due to the smooth and efficient feeding of the unique twin feeder heads.

Pick up is clean and the fully floating reel follows any undulations faithfully with the rotor land wheel. Control of the reel is by a lift lever which is easily reached from the tractor seat.

The baling ram runs on sealed-for-life ball bearings and this contributes to extremely smooth running with a low driving resistance thus leaving more power in hand for baling.

The Knotters fitted to this machine are of conventional design with disc type retainers, giving positive tying with the trip being actuated by a star wheel for bale lengths. In addition to this the machine produces the famous grooved bale which has the advantages of retaining the twine in the groove, saving approximately four inches of twine per bale and giving free aeration when the bales are stacked.

No machine yet produced will run for long without lubrication and to ensure a reasonable span of life for your machine you are advised to lubricate regularly with the correct grades shown on the table elsewhere in this book.

If you follow the instructions given in this book you will at all times be able to produce a superb bale both in quality and size and rest assured on the reliability of your machine.

SPECIFICATION

Bale Section	—	14 inches x 18 inches. (36 cm. x 46 cm.)
Length of Bale	—	Adjustable from 12 inches to 42 inches. (30 cm. to 108 cm.)
Weight of Bale	—	Up to 80 lbs. (36·29 klgs.)
Bale Counter	—	Automatic counter fitted.
Bale Slicer	—	Knife on Ram.
Bale Separation	—	Timed Needle Action.
Bale length control	—	Starwheel
Baling Ram Speed	—	Up to 85 strokes per minute.
Tractor P.T.O. Speed	—	540 r.p.m. minimum. 660 r.p.m. maximum.
Transmission	—	Totally enclosed automative type.
Pick up width	—	57 inches. (145 cm.) Flared to 60″ (152 cm.)
Tyre Equipment	—	640 x 15 inches Ribbed Implement. L.H. 500 x 15 „ „ „ R.H.
Tow Bar	—	Adjustable radially and telescopically.
Width of Baler	—	8 ft.
Length of Baler	—	Overall length 14 ft. 6 inches.
Height overall	—	4 ft. 10 inches P.T.O. 6 ft. 0 inches Engine.
Weight	—	P.T.O. Model 3192 lbs. Engine Model 3416 lbs.

EXTRA EQUIPMENT

Bale Sledge Hitch.
Trailer Hitch.
Rotor Land Wheel.
Hitch for certain tractors not fitted with an A.S.A.E Drawbar.
Long Drawbar.
9·00 x 16 L/H Wheel conversion.

Engine. For information regarding the maintenance, etc. of the Petter engine, refer to the Engine Manual supplied with the Engine Model Baler.

The makers reserve the right to alter, change, add or delete any material included in the specification of the machine herein without notice, also without incurring any liability to alter machines previously supplied.

LUBRICATION

The economical and efficient operation of any machine is dependent upon regular and proper lubrication of all moving parts with a quality lubricant. Greasing is just as vital to the service life of farm machinery, as is the use of proper lubricating oil in the crankcase of an automobile or tractor. Neglect leads to reduced efficiency, heavy draft, wear, breakdown and needless replacement of parts.

Caution. Do not clean, lubricate, or adjust your machine while it is in motion.

Fittings. Clean grease fittings before using grease gun. Replace any lost fittings immediately.

Main Drive and Packer Drive Gear Box. Oil levels to be checked regularly. It is of vital importance that the correct grade of oil is used in the Main Drive Gear Box.

RECOMMENDED LUBRICANT

	B.P.	SHELL	MOBIL	CASTROL
ENGINE U.K.	Energol Diesel D. SAE 20W	Rotella Oil 20/20W	Mobiland Diesel 20 Tractor Oil	Agricastrol HD 20
Overseas Above 90°F	Energol Diesel D SAE 30	Rotella Oil 30	Delvac Oil 930	Castrol CR 30
32°—90°F	Energol Diesel D SAE 20W	Rotella Oil 20/20W	Delvac Oil 920	Castrol CR 20
Below 32°F	Energol Diesel D SAE 10W	Rotella Oil 10W	Delvac Oil 910	Castrol CR 10
GEAR BOXES U.K.	Energol Tractor Gear Oil EP 90	Tractor Gear 90 EP	Mobiland EP Gear Tractor Oil	Agricastrol Gear Oil EP Light
Overseas	Energol EP SAE 90	Spirax 90 EP	Mobilube GX 90	Castrol Hypoy
UNIVERSAL JOINTS	Use Gear Oil	Use Gear Oil	Use Gear Oil	Use Gear Oil
GREASE POINTS U.K.	Energrease Tractor	Tractor Grease	Mobilgrease MP or Mobiland Tractor Grease	Agricastrol Grease Medium
Overseas	Energrease L2 or AO	Retinax A	Mobilgrease MP	Castrolease Medium

Shell Ensis Fluid 256, Wakefield Rustilo No. 5 or Mobil-Kote 601 brushed on exposed Metal Parts will give protection from corrosion in storage.

Note No. 1: Check Level of oil in Main Gear Case daily.

Note No. 2: Fill to check plug level with SAE 90 oil, drain, flush and refill prior to each baling season.

Note No. 3: Grease Flywheel bearing when replacing Flywheel shear bolt.

Note No. 4: Pack wheel bearings with wheel bearing grease once a year.

Engine. When an engine is fitted, see the Unit Manufacturer's Instruction Book for lubricating instructions.

Chains. Check chain maintenance and lubrication. Chains are to be maintained and lubricated in accordance with instructions as laid down by the chain manufacturers as specified in separate booklet issued with each machine.

Baling Ram Con-Rod.

Check oil daily. When filling it is advisable to have gearbox crank at 90° to chamber floor. This is to avoid overfilling the con-rod which will eliminate pressure on oil seals.

Use: E.P.90 Gear Oil.

PREPARATION OF BALER FOR WORK

1. Locate and charge all oil and grease points. These are indicated by transfers near each point on the machine.

2. Check all nuts and bolts for security and springs for tension.

3. Remove all tools, material, etc. from the machine and turn the flywheel in an anti-clockwise direction by hand to see that all parts move freely and without obstruction.

4. Ensure that all safety guards are in position before coupling to tractor.

5. Thread up the twine run as follows :

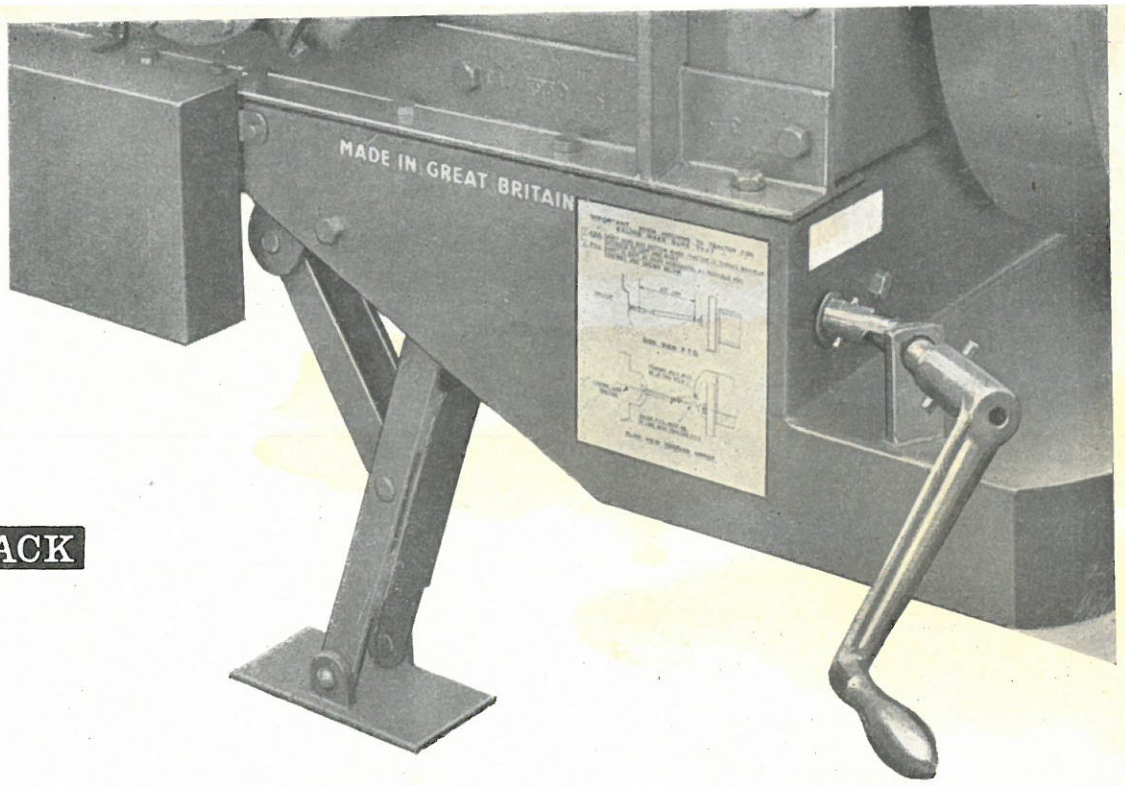
First of all make sure that the twine used is fresh and dry and of runnage from 180 to 225 feet per pound weight. It must also be free from snarls and knots. Having placed four balls of suitable twine in the four containers, tie the outside end of the first ball to the inside end of the second and the outside of the third ball to the inside of the fourth.

USE A FIRM SMALL KNOT to avoid jamming.

Pass the twine of the first ball through the Eye situated immediately above the ball, then through the Twine Tensioner, through the nearest Porcelain Roller situated on the Bale Chamber, through the Right Hand Porcelain Eye to point of Needle, tying the end of the first twine to the Chamber Floor. Repeat for the other Twine using Inner Set of Guides.

Care should always be taken when tying, as large untidy knots will not pass through the needle eyes.

After starting up the machine, the knotters mechanism should be tripped into action by turning the Starwheel in an anti-clockwise direction when standing on near side of Baler. The Knotter and Needles will then operate and twine will be delivered into the Twine Holders by their respective needles. From then onwards, as bales are formed, the knotter will trip into action automatically.



BALER JACK

When disconnecting the tractor from the baler, lower the jack attached to the forecarriage until the weight of the baler is removed from the tractor draw bar, allowing you to remove the hitch pin.

Always disconnect on hard level ground, your baler then remains at tractor draw-bar height and is quickly hitched when next using the machine.

When the tractor and baler are connected, the jack must be screwed up to its highest position from the ground.

When operating the engine model baler on stationary baling, the tractor must be connected. Never operate the baler on the jack.

To eliminate forward and backward movement of the baler when operating on stationary baling, it is advisable to jack the nearside baler wheel just clear of ground level.

ATTACHING THE BALER TO THE TRACTOR (Short Drawbar Model)

It is very important that the baler is correctly hitched to the tractor.

An improperly located hitch point will subject the P.T.O. Assembly, tractor P.T.O. Shaft and Baler Flywheel Shaft to undue stresses, which may result in inefficient baler operation or damage to these parts.

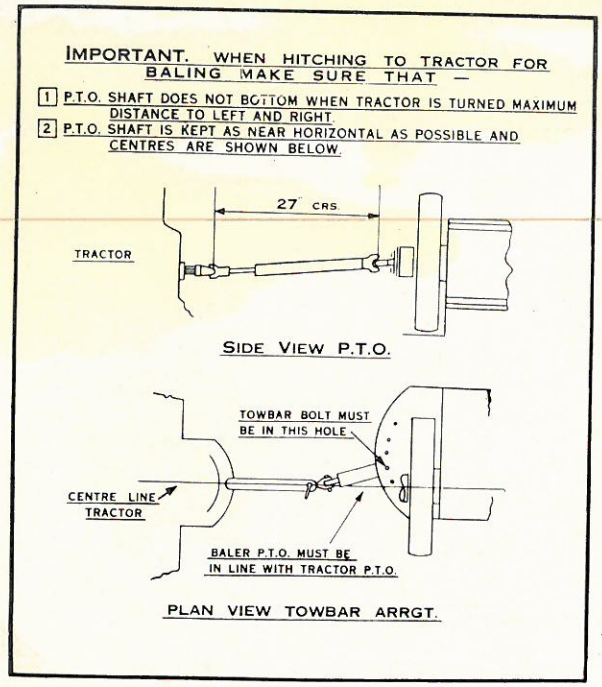


Fig. 1

The baler draw bar can be lengthened or shortened by $3\frac{1}{2}$ inches by removing the draw bar pivot pin. Further holes must **NOT** be drilled in the draw bar to obtain the specified 27 inches P.T.O. dimension.

The main points to observe are as follows :

1. Ensure that the tractor draw bar hitch point is in direct line with the tractor P.T.O. Shaft. (Fig. 1).

2. It is essential when using a tractor with an off-set P.T.O. drive shaft, that the tractor draw bar is off-set accordingly. Back the tractor to the baler, adjust the draw bar and baler hitch. Fit the hitch pin, ensuring that a lock nut or split pin is installed to prevent the pin from being lost whilst working.

Attach the front yoke of the P.T.O. assembly to the tractor P.T.O. Shaft, and securely lock. Measure between the shaft journals to ensure that the measurement is correct. (Fig. 1).

Check that the hitch point is immediately below the P.T.O. Shaft Assembly (Fig. 1). Install a hitch adaptor plate if necessary, to secure the correct dimension.

It is necessary to install a spline adaptor on any tractor P.T.O. Shaft having a diameter less than the standard $1\frac{3}{8}$ inches. Never attach the baler to hydraulic linkages.

A special draw bar attachment is available from dealers for certain types of tractors not fitted with an A.S.A.E. drawbar.

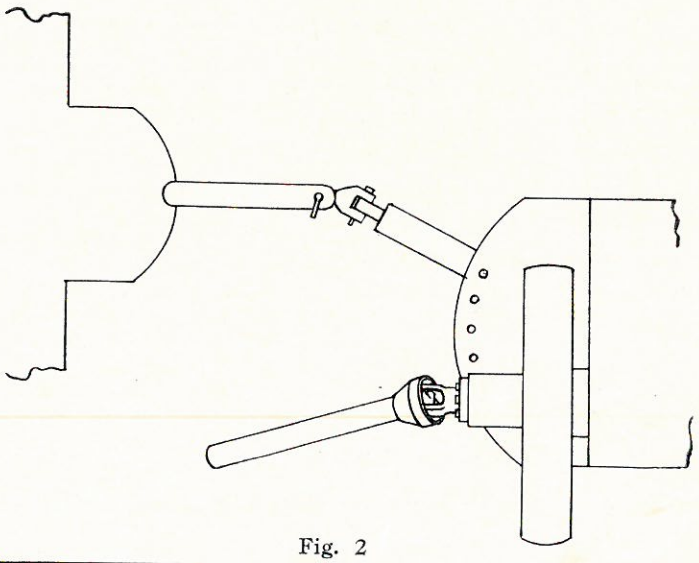


Fig. 2

IMPORTANT.

When the draw bar is moved to the transport position—i.e. for moving the baler from field to field—the tractor half of the P.T.O. Assembly must be disconnected and removed (Fig. 2), otherwise the P.T.O. Shafts will " bottom " resulting in damage.

Tractor must be equipped with A.S.A.E. drawbar set to measure 13″ to 17″ from the ground to top of drawbar. The distance from centre of hitch pin hole to end of tractor P.T.O. shaft must be approximately 14″ (Fig. 1A). Reposition hitch bracket to keep baler tongue approximately level (Fig. 2A).

The drawbar has two positions, one for baling, one for transport. The baling position should be used for pick-up and stationary baling, in order to keep the P.T.O. shafts in correct relationship to one another.

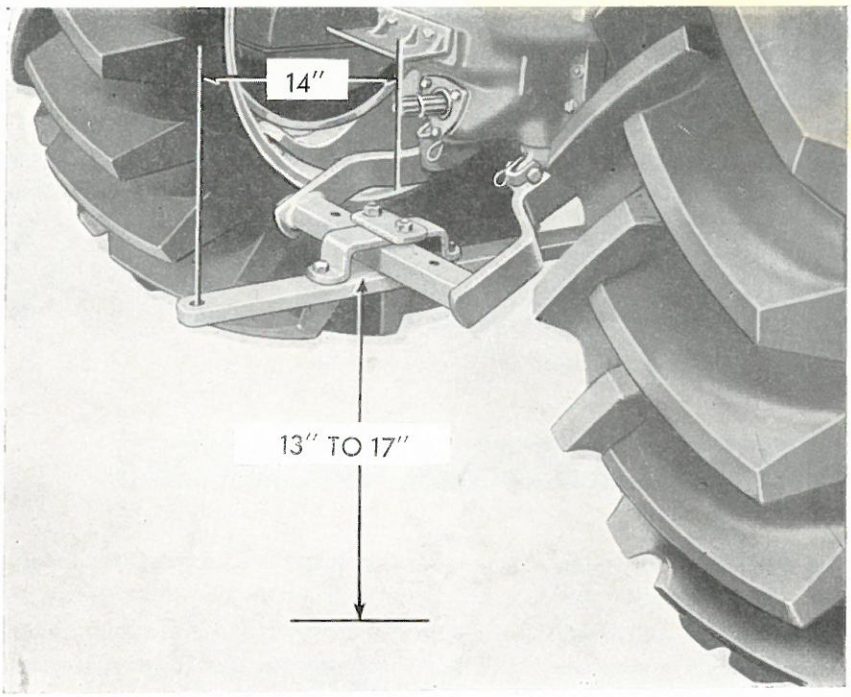


Fig. 1A

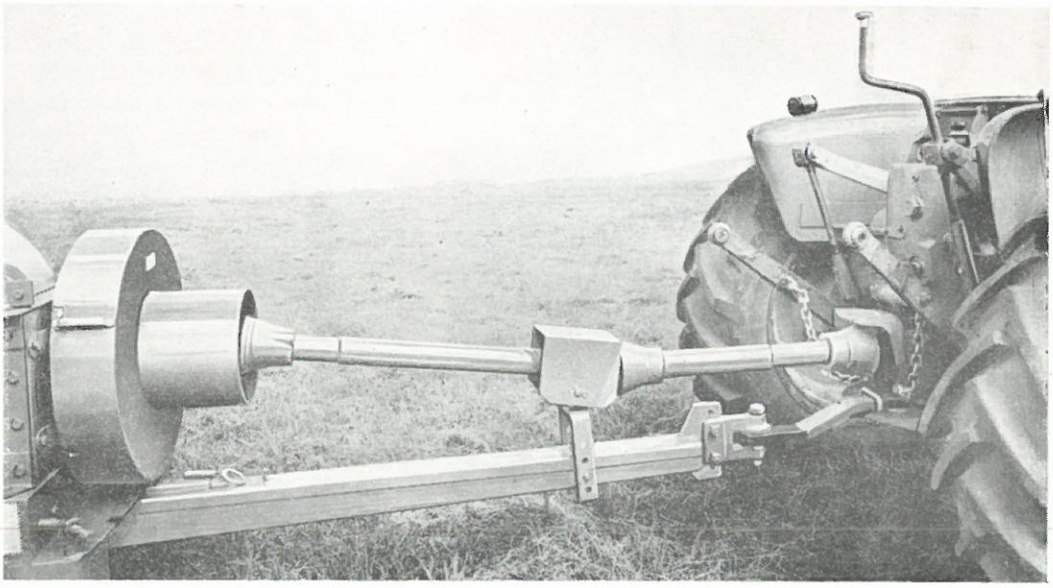


Fig. 2A

RUNNING IN

It will be necessary for you to allow your baler to have a period in which to run in the mechanism before being subjected to any strain.

We recommend, however, that you run the baler empty at a slow speed for at least 30 minutes, and gradually increase up to the working speed of 84 R.S.P.M.

1. Stop the tractor engine after this period has terminated, and make a thorough inspection of all fast moving parts and bearings, to see if any heat has been generated. If working parts appear to generate excessive heat, allow to cool and re-grease. Repeat this procedure until the bearings are running quite freely.

2. Having run the baler for at least 30 minutes, and satisfied yourself that all bearings are running cool, it will be advisable, if you are able to obtain loose hay or straw, to operate the baler stationary and bale the material available before actually going into the field to commence working.

3. When you actually commence baling in the field with your new baler, you should operate your tractor in low gear. This will give you an opportunity of becoming familiar with the operation of the baler, and gauge its capacity in relation to the size of the windrow so that you can determine the most efficient land speed.

Make sure that all persons are clear before commencing to operate the baler.

REGULATING WEIGHT AND LENGTH OF BALE

The weight of the bale is regulated by adjusting the spring loaded press bars, by the handles provided at the rear of the bale chamber. In normal conditions the operating handles should be approximately a quarter of the way down the threads on the tension rods, before commencing to bale.

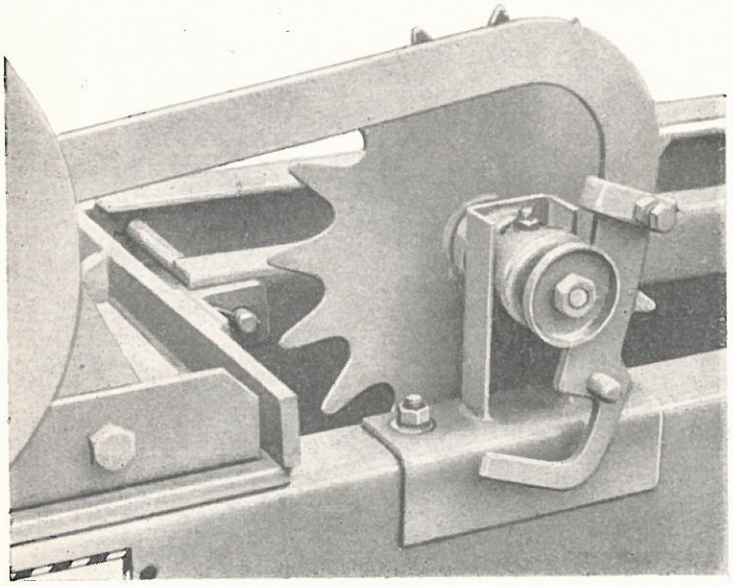


Fig. 3

If after baling several bales it is found that the tension is not sufficient, more pressure may be applied—alternatively, if the bale weight is too heavy the pressure should be released.

The length of bale can be varied by altering position of the brass clamp on Knotter trip arm (Fig. 3), if the length of bale is too short, set this clamp higher up on arm, if length of bale is too long set clamp lower down on arm. The variation in the length of bale is from 18 inches to 40 inches.

When the required bale density cannot be obtained in dry straw a pair of resistor plates is provided in the tool kit. These are fitted to predrilled holes inside the chamber to the rear of the feed hole ; one each side. NOTE : the wide ends of the louvres point to the rear.

TWINE DISC

The setting of the twine disc is determined by the positioning of the groove in relation to the Twine Holder. The bottom of the groove, point A should be in the centre between Twine Holder, point A1 and Twine disc cleaner, point A2. To set disc in this position, loosen nut B, tap the shaft upwards, turn disc to correct settling as stated, tap down shaft and turn worm drive pinion so that it fits up against the spacing washers, finally tighten up nut.

NOTE: This adjustment should always be made with twine in the disc.

TWINE HOLDER

The Twine Holder consists of a double plate which holds the Twine in the Disc, pressure is applied to the Twine Holder plates by a flat spring D, and is adjustable by screwing up tension screw C (Fig. 4).

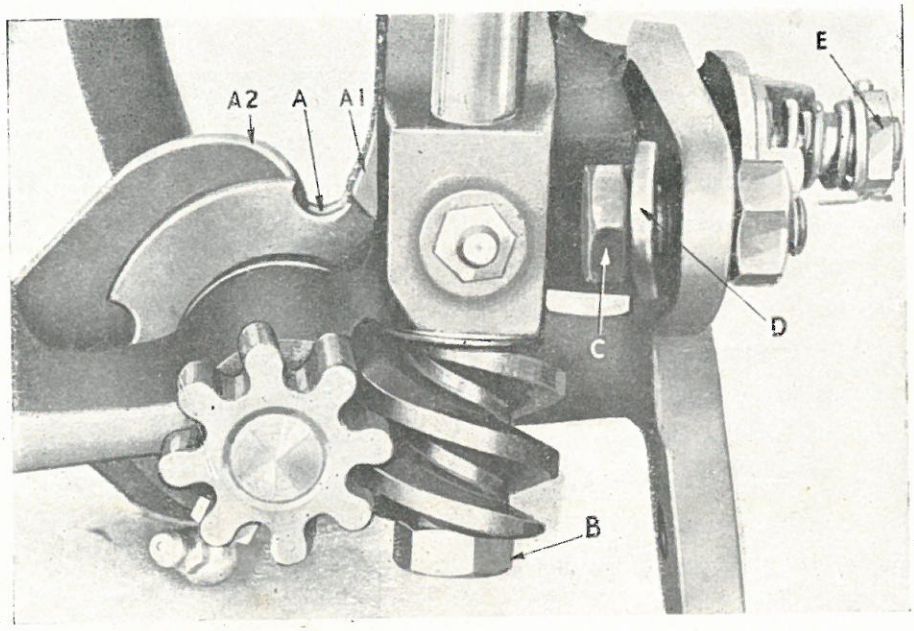


Fig. 4

BEAK

The correct adjustment of the beak is essential, the correct measurement between the Beak Tongue and the Beak Jaw when fully open should be $\frac{9}{16}$" (Fig. 5). Should it be found that the Beak does not open to this measurement, this could be caused by the Beak Tongue Roller not turning when the Beak rotates, with the result that a flat surface is formed on the Roller point A (Fig. 5). The Knotter Beak should be free from all roughness, and if a Knot fails to come off, care should be taken so that the beak is not cut or scratched when using knives or any other sharp instrument to remove the knot. The tension on the Beak is applied by screwing up nut E, (Fig. 4). Normal tension should be put on the Beak. If excessive pressure is applied, the Knot cannot be stripped off the Beak.

STRIPPER AND KNIFE ARM

The setting of this arm is vitally important, this is set at the factory and should need no further adjustment unless an obstruction has caused it to bend. The method to adopt to reset, if required, is as follows:—Remove Bolt connecting Knotters to Breast Plate, and tilt Knotter upwards. The Stripper Arm in its correct setting when it is in operation should lightly rub against the heel of the Beak at point A (Fig. 6). The stripper can be bent to obtain this setting, taking special care not to damage Knife.

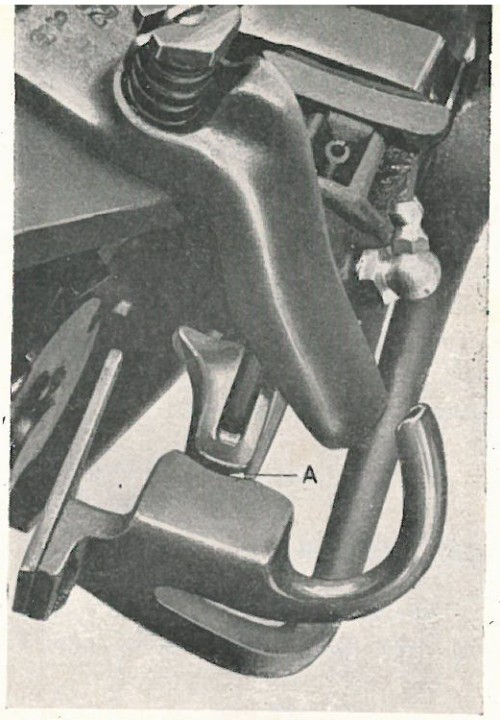


Fig. 6

TWINE FINGER

The Twine Finger operates from a Cam on the Knotter Shaft, and the action is as follows:— As the Needle comes through the Breast Plate Slots, the Twine Finger moves across in front of the Needle picking up the Twine, moving it over and placing it on the Knotter Beak. The correct setting for this Finger is, when the Twine Guide Cam Roller is on the highest point of the Cam (Fig. 7), in this position the point of the Finger should be 3″ to 3¼″ from the Knotter Securing Bracket (Fig. 8). To obtain this setting adjustment can be made to the Twine Finger Operating Rod.

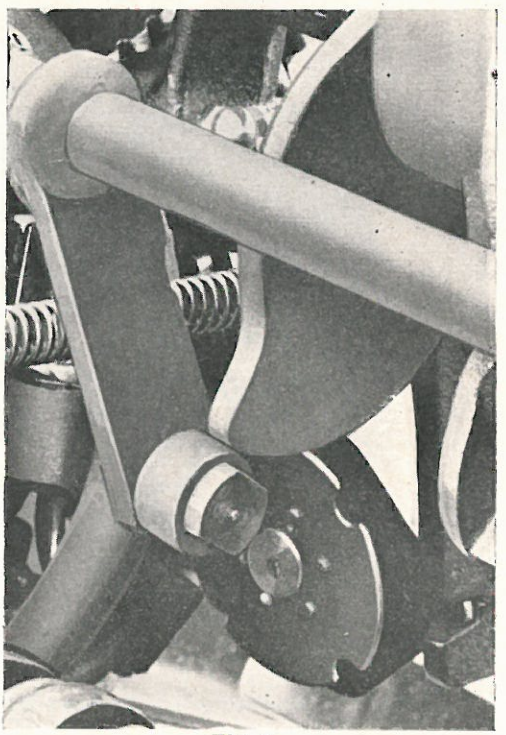


Fig. 7

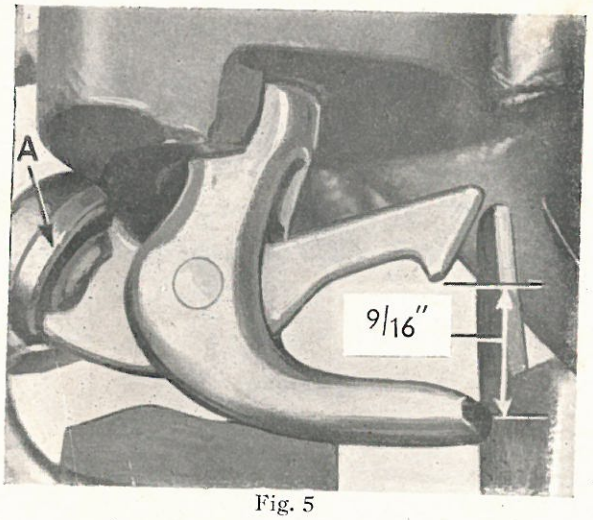


Fig. 5

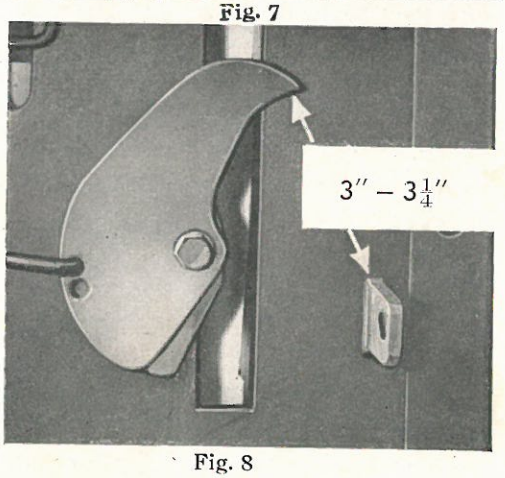


Fig. 8

Both Ends of Twine Untied, (Fig 10).

Check : (*a*) That Beak Jaw opens and closes correctly. Dust and dirt embedded in the Jaw restricts from closing.

(*b*) A strained Beak will restrict complete closure. Unless the Jaw closes completely the twine is not trapped.

Knot Staying on Beak

Check : (*a*) Too much tension on Beak Spring.

(*b*) Stripper and Knife Arm not travelling far enough.

(*c*) Stripper and Knife Arm failing to make contact with Knot on Beak.

Slip Knot leaving Single Loop on Retainer End of Twine, (Fig. 11)

Check : (*a*) Twine Runnage from Twine Container to Needle Eye for obstruction.

(*b*) Tension of Twine at Twine Container Tensioners. This Tensioner is spring loaded by the adjusting Wing Nut. The normal tension is about 4 to 6 lbs.

(*c*) That the Bale Retainers situated **one** on the Breast Plate and **two** in the Chamber Floor, work freely and that the return springs are not broken or have become too weak ; these retain the material from springing back and fowling Needle Twine.

(*d*) Incorrect setting of Ram Knife causes uneven Bales, therefore uneven twine tension.

Slip Knot leaving Single Knot on Needle Twine, (Fig. 12)

Check : (*a*) Twine Holder Tension—this is increased by tightening up Screw C, (Fig. 4). Before increasing this tension check that Holder is free from twine fibres, foreign materials and excessive grease or oil.

(*b*) Incorrect setting of Twine Disc.

Knot correctly formed, but Twine breaks, or is Cut near Knot, (Fig. 13)

Check : Beak tension is excessive. No rough edges on Beak, or Needle Slot on Breast Plate. Position of stripper and knife arm in relation to Beak. (Fig. 6)

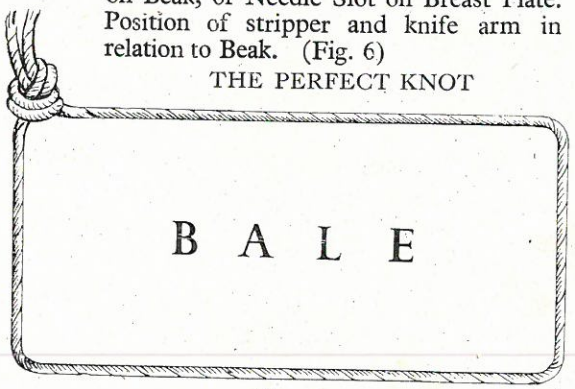


Fig. 9

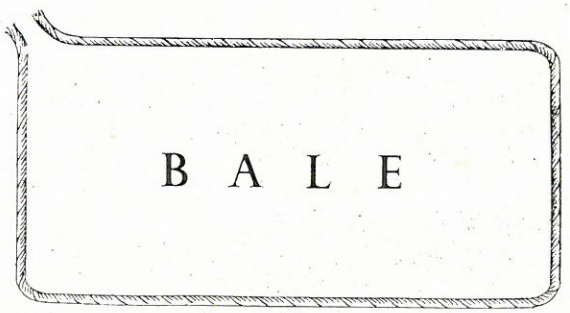


Fig. 10

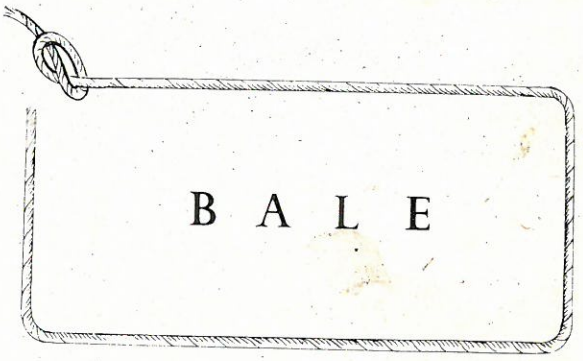


Fig. 11

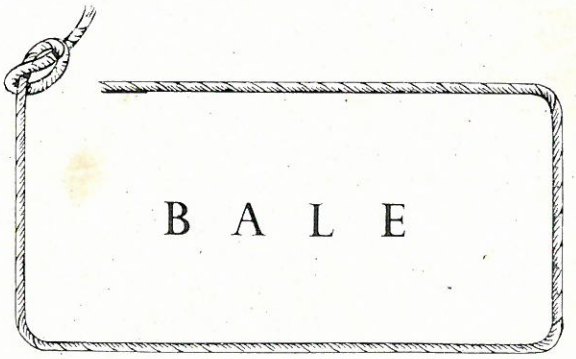


Fig. 12

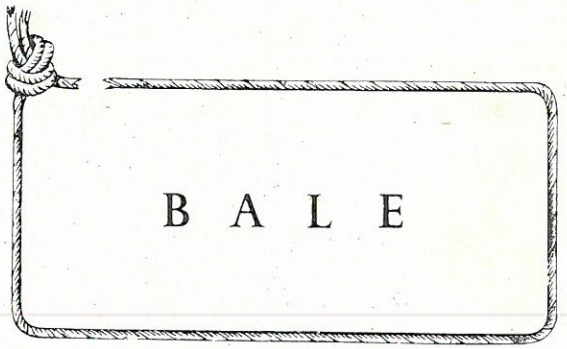


Fig. 13

TIMING OF THE NEEDLES IN RELATION TO THE RAM

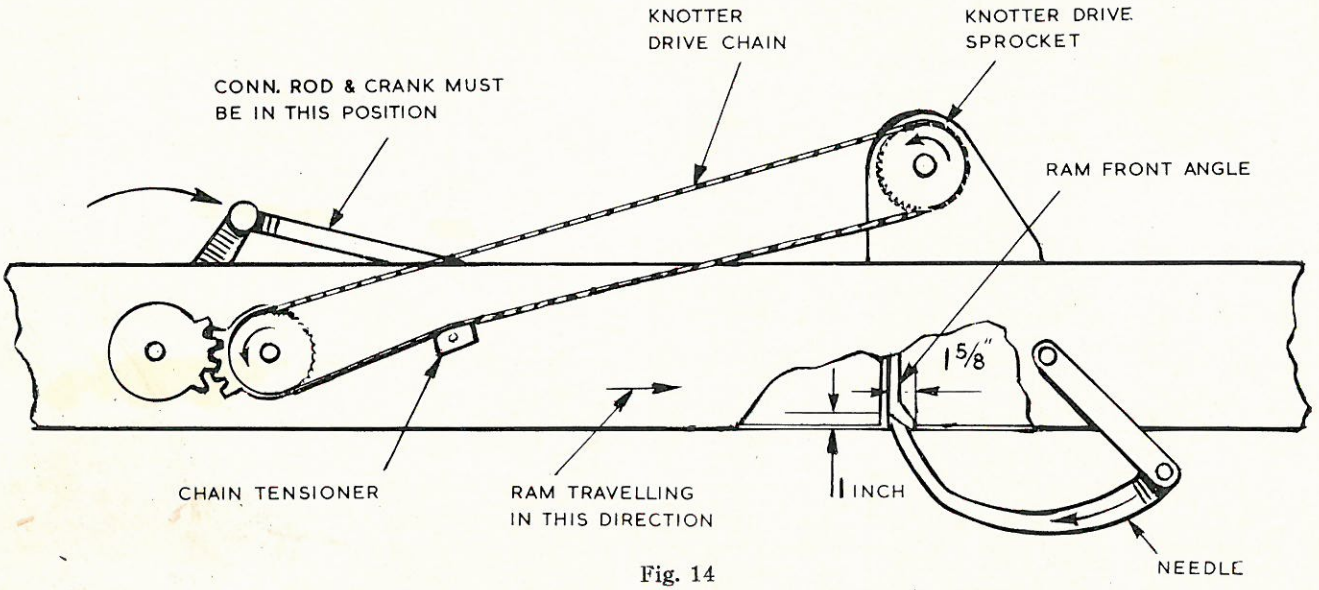


Fig. 14

1. Remove all material from the Bale Chamber.
2. Remove Chain cover over the Knotter Driving Mechanism.
3. Remove Chain Drive.
4. Trip Knotter in by turning the metering wheel in a clockwise direction.
5. Push up Needles into Chamber, until the points of the Needles are level with the Groove Former on the Chamber Floor, i.e. 1″ inside chamber.
6. Move Ram forward turning the Flywheel in an anti-clockwise direction until the bottom front tip of the Ram angle is $1\frac{5}{8}$″ in advance of the Needle point.
7. Replace Drive Chain, starting by placing the chain on top of the Knotter Drive Gear, pulling the chain tight and placing over the top of the Drive Sprocket Gearbox end joining on the lower side of the Chain with split link.
8. Tighten up Chain Tension adjusting Block (Fig. 15).
9. Complete the cycle by proceeding to turn the flywheel in an anti-clockwise direction.

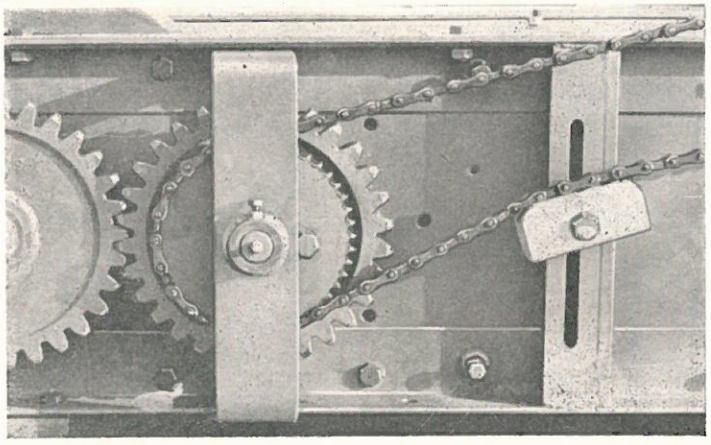


Fig. 15

The correct setting of the Needle in relation to the Knotter is as follows :—

1. Trip Knotter mechanism and turn flywheel until the Needles are in their foremost position.

   (a) Measurement from the Knotter casting to the end of the string recess in the point of the needle, should be maximum $1\frac{1}{8}$", minimum 1" (Fig. 17). To obtain this setting, adjustment can be made by altering length of Needle Drive Con-Rod at point A. (Fig. 16).

   (b) The correct measurement for the Needle when passing over the Retainer Disc is as follows : $\frac{1}{16}$" to $\frac{1}{8}$" (Fig. 17) clearance from top of disc to the underside of the Needle when point of Needle is in line with Retainer Disc. This setting can be obtained by swivelling Needle (Fig. 18). If clearance is over $\frac{1}{8}$" loosen Nut A and tighten Nut B reverse procedure if clearance is under $\frac{1}{16}$".
   In the event of damage occurring to needles check full sequence of knotting operation and needle timing.

THE KNOTTER BRAKE

The Knotter Brake (Fig. 19) consists of spring loaded brake linings, which are adjustable at Point A and B. The brake is designed to hold Knotter shaft in its home position from the time the knotters are tripped, until the shaft is driven by the drive dog.

NOTE: Keep the brake linings clean and free from oil and grease.

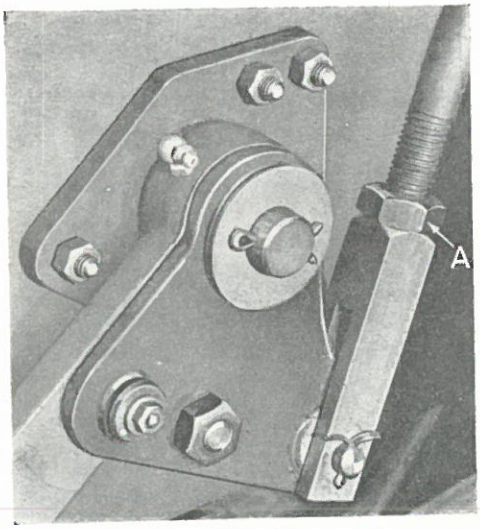


Fig. 16

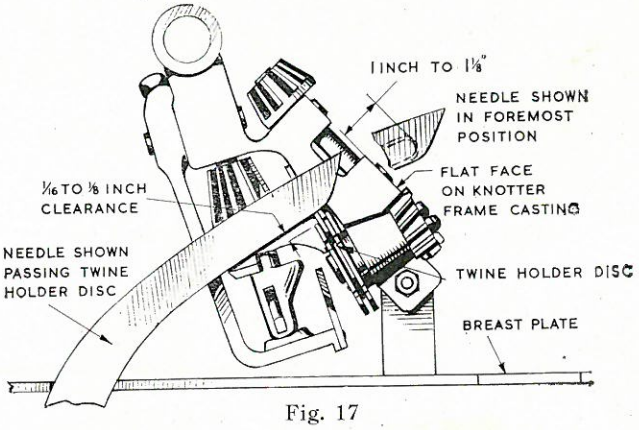


Fig. 17

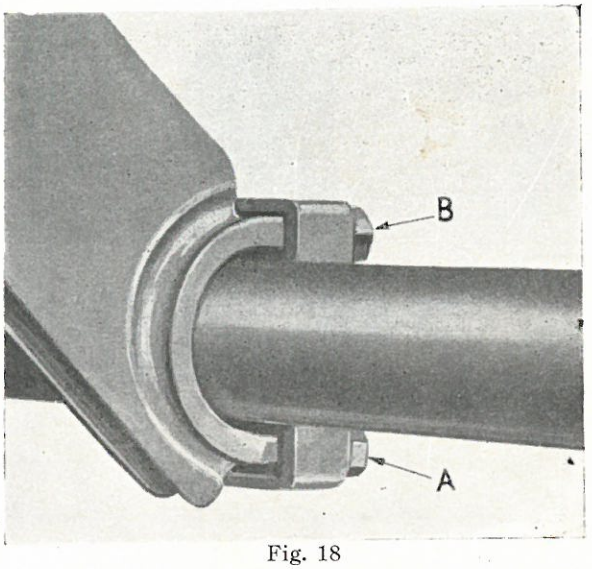


Fig. 18

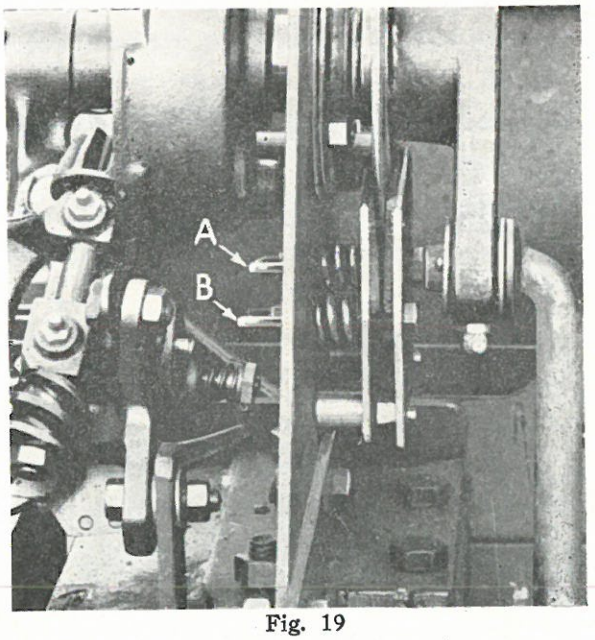


Fig. 19

The Primary Chain Drive is from the Right Hand Crank Arm Sprocket to the Anti-Reverse Sprocket Assembly.

This Assembly is fitted with a ratchet and spring loaded pawl, which allows the Baler to be turned in reverse without the pick-up reel rotating.

The Secondary Chain Drive is to the sprocket assembly situated on the Rotor Pivot Tube.

When the baler is new, the Chain Tensioner is not brought into operation but as the chain becomes slacker, the Tensioner Roller should be removed from its bracket and placed so that it bears on the outside of the chain.

Tension chain by pressing the Roller down on to the chain. Securely tighten lock nut to retain tension.

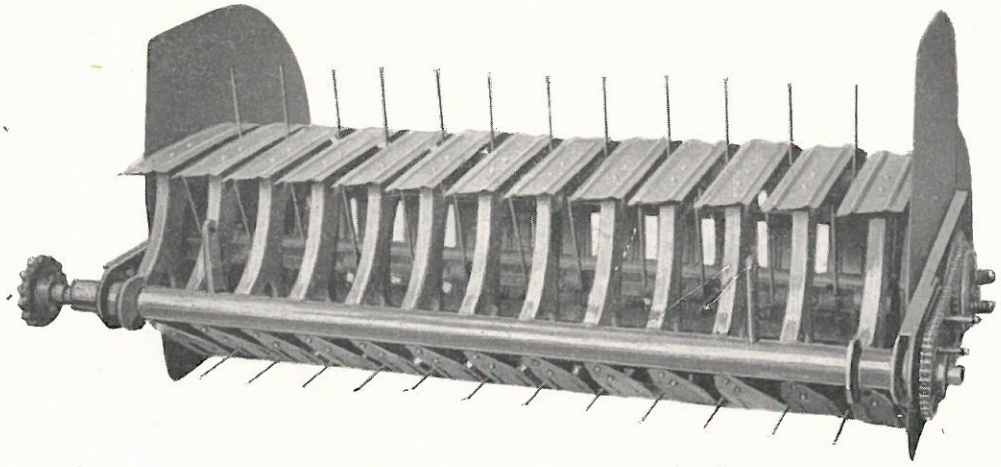


Fig. 20

Final drive to the pick-up reel is taken from the sprocket on the near side of the reel main tube, through a shaft pressing through the tube, to a sprocket mounted on the right hand end of the shaft. The Sprocket is, in turn, coupled to a safety slip clutch mounted on the rotor shaft, the drive being taken through precision roller chain (Fig. 20).

The rotor is fully floating and counter balanced by means of two tension springs between the rear of the rotor frame and the main axle.

Height adjustment is made by a control lever situated at the front of the baler accessable from the tractor seat.

The reel is built up around a centre shaft of alloy steel which is driven through the slip clutch previously mentioned. To the shaft, which runs on sealed for life bearings, are pinned two pressed steel rotor wheels. At intervals around the circumference of the wheels five angling tine bars are fitted ; these are actuated by a cam with a double track fitted to the left hand end cover. To each tine bar are affixed the spring loaded tines which are fitted in pairs and easily changed when damaged. The hay is stripped from the tines by means of flashes fitted between them. To promote a flat even feed under windy conditions a tined rotor crop guard is fitted above the pick-up assembly.

ROTOR LAND WHEEL

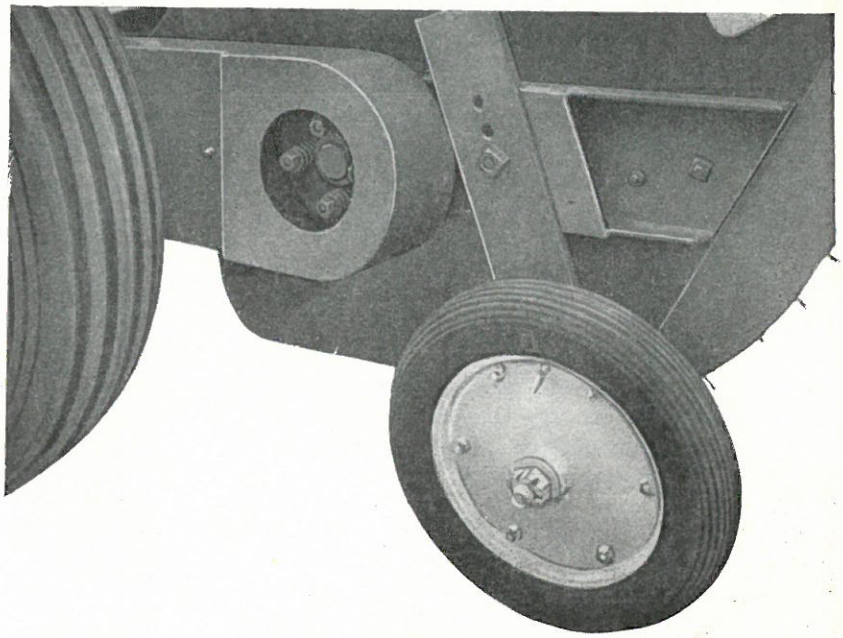


Fig. 21

As a piece of extra equipment, a land wheel is available which follows faithfully any variation in the land contour. Where a land wheel is used height adjustment is affected by lifting or lowering the wheel into any one of the three holes provided. On later models a pivoting wheel is made available and height is controlled on this type by a two position adjustable collar on the spindle. (Land wheel is illustrated in Fig. 21).

Above, and to the rear of the reel is the top feed assistor which ensures an even flow of material from the pick-up to the twin feeder heads. This consists of a single retracting tine bar driven through arms at each end from a centre shaft. Retraction of the tines is effected by a sprocket drive on the tine bar which is coupled by a short chain to a fixed sprocket drive on the tine bar which is coupled by a short chain to a fixed sproket mounted on the centre line of the drive shaft and working on the wheel and planet principle. Tines are double and each pair is secured by a single spring clip which makes for ease in replacing damaged items.

The feed assistor is driven by a crossed ' V ' Belt from a pulley fitted to the end of the counter shaft which passes through the reel rear tube and which also drives the reel. Belt tensioning is by means of removable shims fitted between the two halves of the top pulley. If the belt loses its tension remove the four $\frac{3}{8}''$ nuts from the top pulley and the outer pulley half. Remove a small shim from the inside of the pulley and refit the outer pulley half and the belt. When all shims have been removed a replacement belt is required. Upon removal of any shims for this purpose it is wise to affix these shims to the outside of the pulley to save them for adjustment of a new belt in the future.

PACKER FINGERS

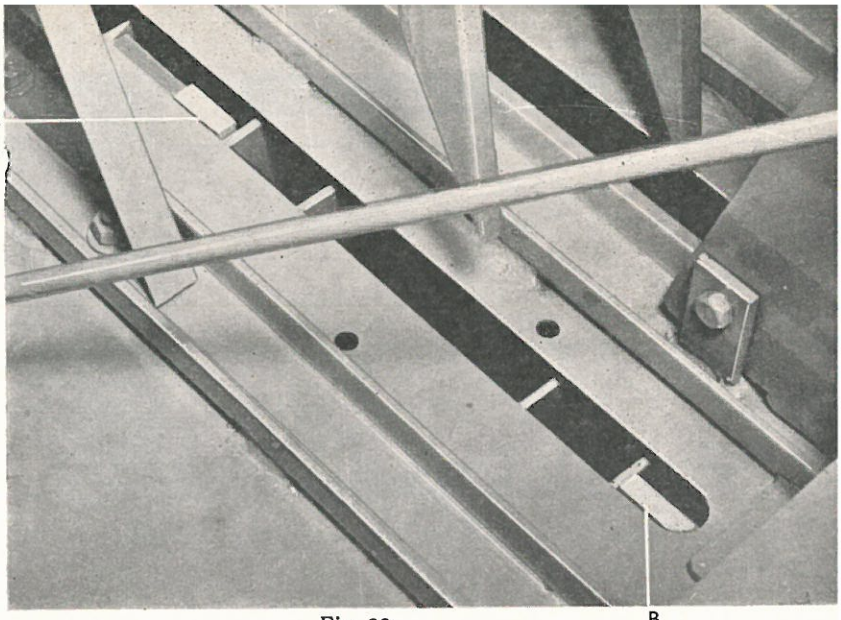


Fig. 22

The twin feeder heads are timed in relation to the ram and to each other, and this timing must at all times be adhered to.

Under normal circumstances the universal shaft flanges and inter-connecting chain should not be disconnected as this will automatically upset the timing.

Upon final inspection of the feeder heads at the factory a seal is placed on the timing flange and breakage of the seal may invalidate the guarantee.

If, however, for some special reason it is found necessary to re-time the feeder heads, proceed as follows :

Inner Feeder Crank to Ram Timing

1. With adjusting flange and chain disconnected, turn the flywheel in an anti-clockwise direction until the ram face blocks A & B (Fig. 22) are in the centre of the first slot in the packer shield on compression stroke. (This is the slot nearest the front of the baler).
2. Turn inner crank until the vertical distance from the centre of the crank to the packer shield, Point A (Fig 23) is between $13\frac{9}{16}$" 345mm min. and $14\frac{3}{4}$" 375mm max. Set as near to minimum dimension as possible.
3. Locate the three bolts through the nearest matching holes in the flanges; securely tighten nuts and locknuts. The inner feeder head will now be timed correctly.

Outer to Inner Feeder Crank Timing

1. Turn the flywheel in an anti-clockwise direction until the inner crank is at top dead centre.
2. Turn the outer crank to the horizontal position (Fig 23).
3. Assemble the outer packer drive chain ensuring that the bottom of the Chain is tight.
4. Tension chain.

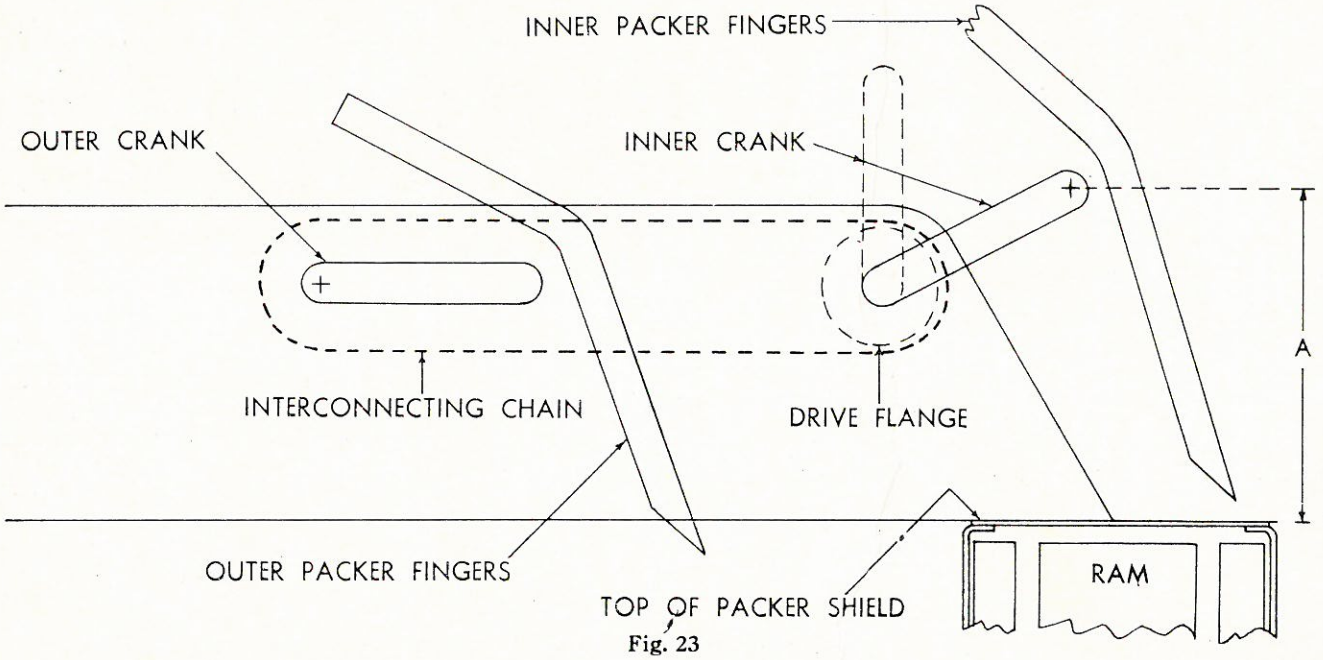


Fig. 23

RAM AND RAM KNIFE ADJUSTMENT

The Baling Ram is fitted with steel rollers which run freely on ball bearings, pre-packed with grease and sealed for life. All rollers and fibre blocks are adjustable in slots when re-setting is required.

The bottom set of rollers on the right hand side bear on a bright steel strip which is bolted to the chamber floor and the right hand side rollers bear upon a second steel strip bolted to the chamber side. The left hand side of the ram runs entirely on side rollers which bear on adjustable steel channels fitted to the floor and top cover of the Baling Chamber. (Fig. 24)

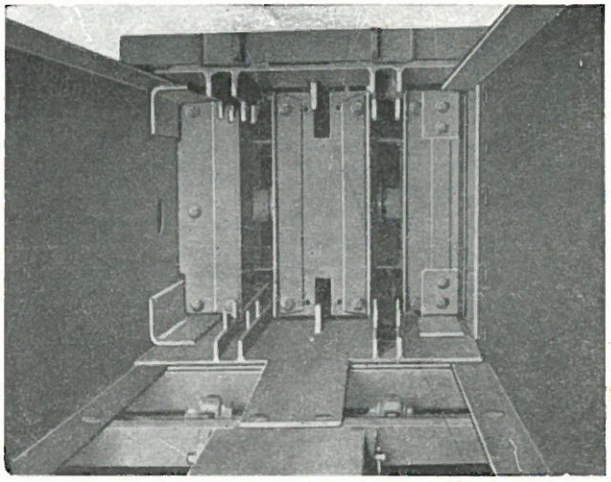


Fig. 24

Ram Knife Adjustment.

The gap between the Ram Knife and the stationary shear plate on the chamber side should never exceed $\frac{1}{32}$" or undue strain will be placed on driving components due to jamming of the crop between the knife and sheer plate. The Ram Knife must always be kept sharp for the same reason and spare Ram Knife should be carried to avoid any delay. When the gap between the knife and the sheer plate exceeds $\frac{1}{32}$" the ram must be moved across the chamber to close the gap. This is easily achieved by means of slackening the adjustable angle attachment bolts at the top and floor of the chamber and turning in the pressure screws on the chamber side (Fig. 25) until the required $\frac{1}{32}$" knife gap is obtained. After making this adjustment the locknuts on the pressure screws and the angle attachment bolts must be securely tightened. Ram Knife removal is effected by turning the baler by hand until the knife appears in the feed hole (Fig. 26) and removing the three Allen Countersunk Screws holding it to the Ram.

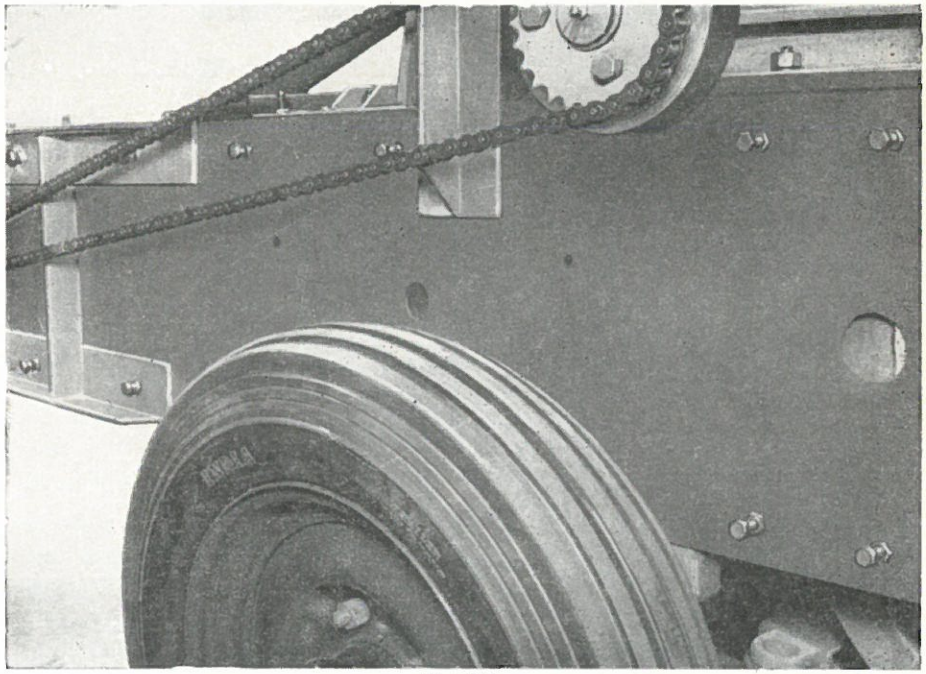


Fig. 25

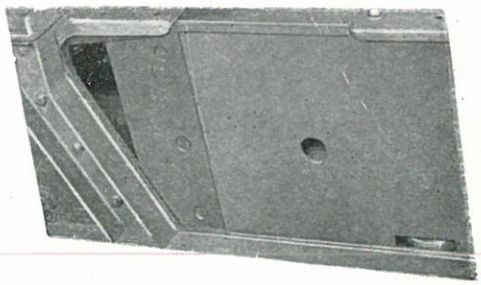


Fig. 26

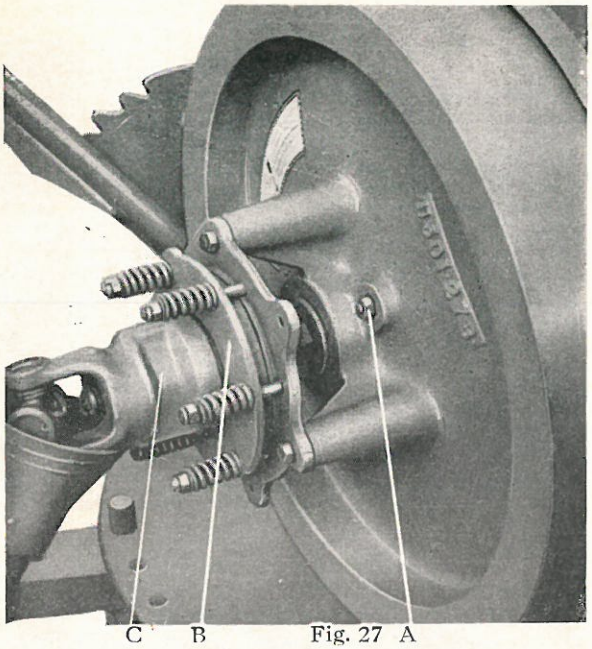


Fig. 27

The Baler is protected at three points by Safety Shear Bolts.

One special machined bolt in the Flywheel.

One special machined bolt in Needle Pivot Drive Arm.

One $\frac{3}{16}$ inch Split Pin in Packer Drive Assembly.

These bolts are specially annealed to a specific hardness and are obtainable from all Dealers.

DO NOT USE SUBSTITUTES

Flywheel Shear Bolt (Fig. 27 (A)

The purpose of the Flywheel Shear Bolt is to protect the Baler against damage, in the event of overload of material or foreign matter entering the machine.

Stop the tractor immediately the Safety Bolt shears, and before renewing proceed as follows to determine the cause of shearing.

Check :

1. The Ram Knife for fracture caused through some foreign object entering the machine.
2. The Ram Knife clearance. If found excessive, proceed to adjust as noted on page 17. Grease and rotate the Flywheel and check the Shear Bolt Bushes for damage, before renewing the Shear Bolt. Turn the machine by hand to ensure the obstruction which caused the shearing has been removed.

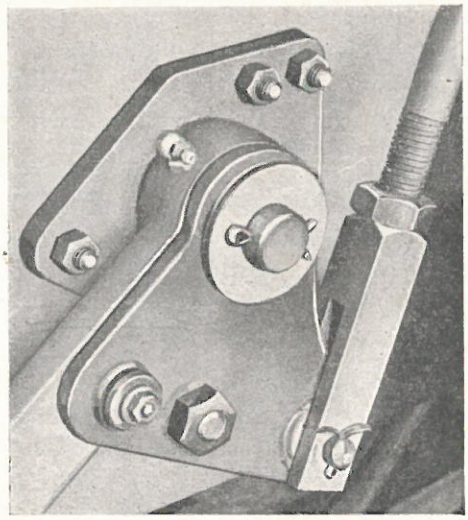


Fig. 28

Needle Shear Bolt (Fig. 28)

The Needle Drive is protected by the Shear Bolt fitted in the Pivot Drive Arm, should the needles be obstructed from going through their usual cycle, the $\frac{1}{4}$ inch Safety Bolt shears, allowing the Needle Drive Arm to continue its cycle without the Needles. In completing the cycle the Needles are driven out of the Bale Chamber. Before renewing the Shear Bolt, check the Needle Assembly and the Ram Slots for the cause of shearing.

Packer Assembly Shear Bolt (Fig. 29)

The Purpose of the Shear Bolt on the Packer Fingers, is to protect the Packer Drive from undue strain due to overloading the machine. Incorrectly and unevenly laid out windrows create uneven feeding, thus affecting the speed at which the baling can be accomplished.

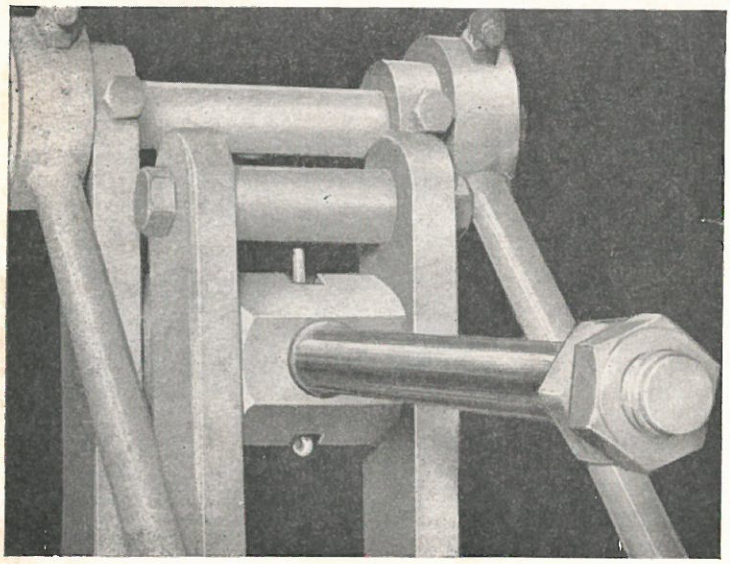


Fig. 29

Pick-Up Reel Overload Clutch

This Clutch is pinned to the Pick-up Drive Shaft, and can easily be adjusted through the hole provided in the cover. (Fig. 30)

The Friction Plates are loaded by four tension springs, and are set by the final Inspector to slip only under an exceptionally heavy load.

Do not interfere with the original setting unless it is found that the Clutch slips without undue load. If this happens adjust each Hex. Nut in the slip clutch about half a turn. This will normally be sufficient to apply the desired tension on the springs.

Never adjust the nuts by more than half a turn at a time, as undue pressure on the Clutch Plates will not allow the Clutch to slip when overloaded.

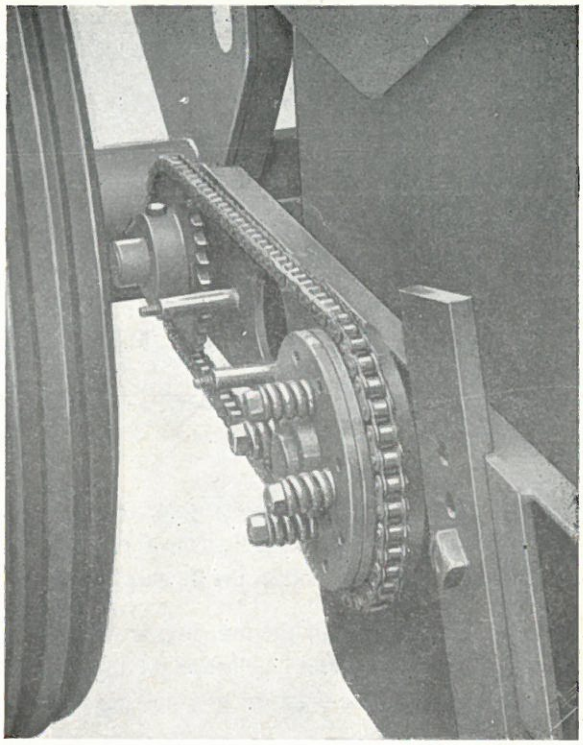


Fig. 30

P.T.O. Slip Clutch and Over-run

P.T.O. Clutch and Over-run protect the tractor and baler from undue stress, resulting from :

1. High starting torque.
2. Reversal of torque when slowing down the tractor revs.

The over-run is built into the P.T.O. Shaft (Fig. 27C, page 18), this assembly requires no adjustment, only oil drive pins with engine oil before operating baler.

The Flywheel slip clutch (Fig. 27B, page 18), is correctly set at the factory, if however it requires any adjusting proceed as follows.

Make sure that the discs of the slip clutch are not frozen by paint or rust before beginning to operate the baler.

Clutch springs should be set at $1\frac{9}{16}''$ for proper action on a new machine. When the clutch requires re-adjustment, tighten each tension bolt a fraction of a turn to increase the pressure on the discs (Fig. 27B). CAUTION : Never adjust tension springs so tight that clutch cannot slip. This is harmful to the machine and transmits load back through the tractor power take-off gears.

Keep the clutch discs free from grease and oil.

Keep flywheel shield in place when in operation.

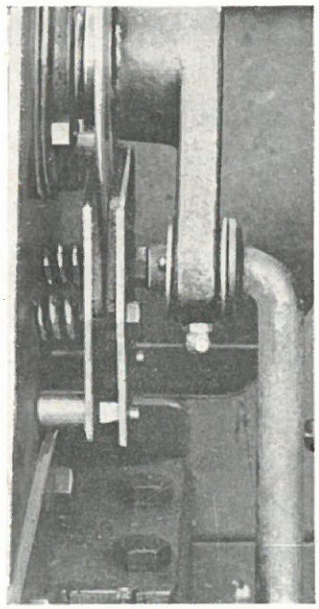


Fig. 31

Knotter Brake

The Brake is designed to hold Knotter Shaft in its home position from the time the Knotters are tripped until the Shaft is driven by the drive dog. (Fig. 31)

N.B. Keep the Brake Linings clean and free from oil and grease.

Outer Feeder Head

This is protected against damage by a machined Shear Bolt in the drive sprocket attached to the inner Feeder Head Crank. (Fig. 32)

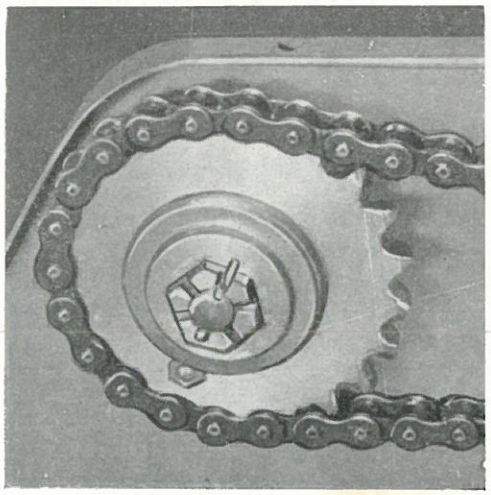
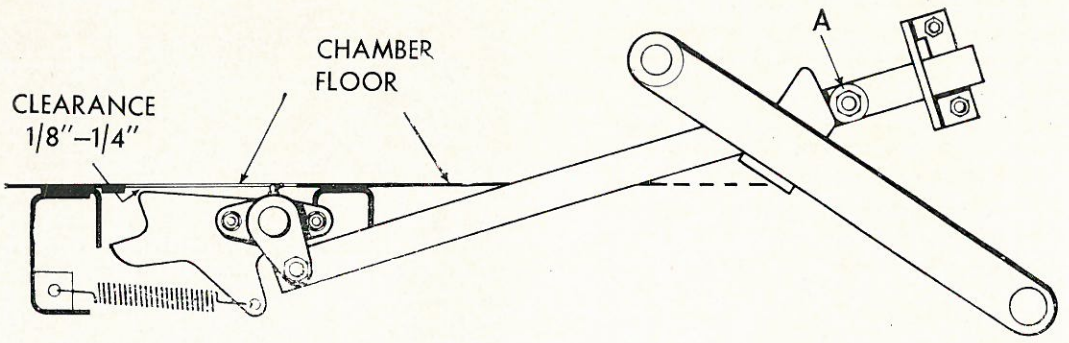


Fig. 32

THE RAM STOP



The ram stop provides positive protection of the needles from damage from the ram if the needles enter the bale chamber too soon or remain there too long. If the ram does strike this stop it will cause the shear bolt in the flywheel to shear.

The setting for the ram stop is when the needles are in the stationary position, the upper point of the ram stop should be clear of the top of the chamber floor, at $\frac{1}{8}$" minimum $\frac{1}{4}$" maximum (Fig. 33) This setting can be obtained by adjusting position of roller on ram stop operating bar point A (Fig. 33).

STORAGE

Your Baler should be taken to an authorised Dealer, for a complete check-over at the end of each season to assure the best performance at the beginning of the next season.

At the end of each Season.

1. Shelter the Baler in a dry place.
2. Ease off all tension in the Bale Chamber.
3. Clean the Baler thoroughly inside and out.
4. Grease Chamber thoroughly.
5. Lubricate all Bearings.
6. Fill both Gear Boxes with oil before storing.
7. Turn over baler until gearbox crank is pointing upwards at 90° to chamber floor, so as to relieve pressure on con-rod oil seals.
8. Apply a coat of rust preventive on Knotters and all bright parts.
9. Block up Baler under the Axle to relieve tyres. Do NOT deflate tyres. Cover tyres to protect them from light, grease and oil.
10. Consult Engine Manufacturers' Instruction Book for storage particulars regarding power unit.
11. If possible, cover the entire Baler with a tarpaulin.
12. List the replacement parts which will be needed, and order them early. The Dealer can expedite delivery of parts and instal them during slack periods, avoiding delays next baling season.

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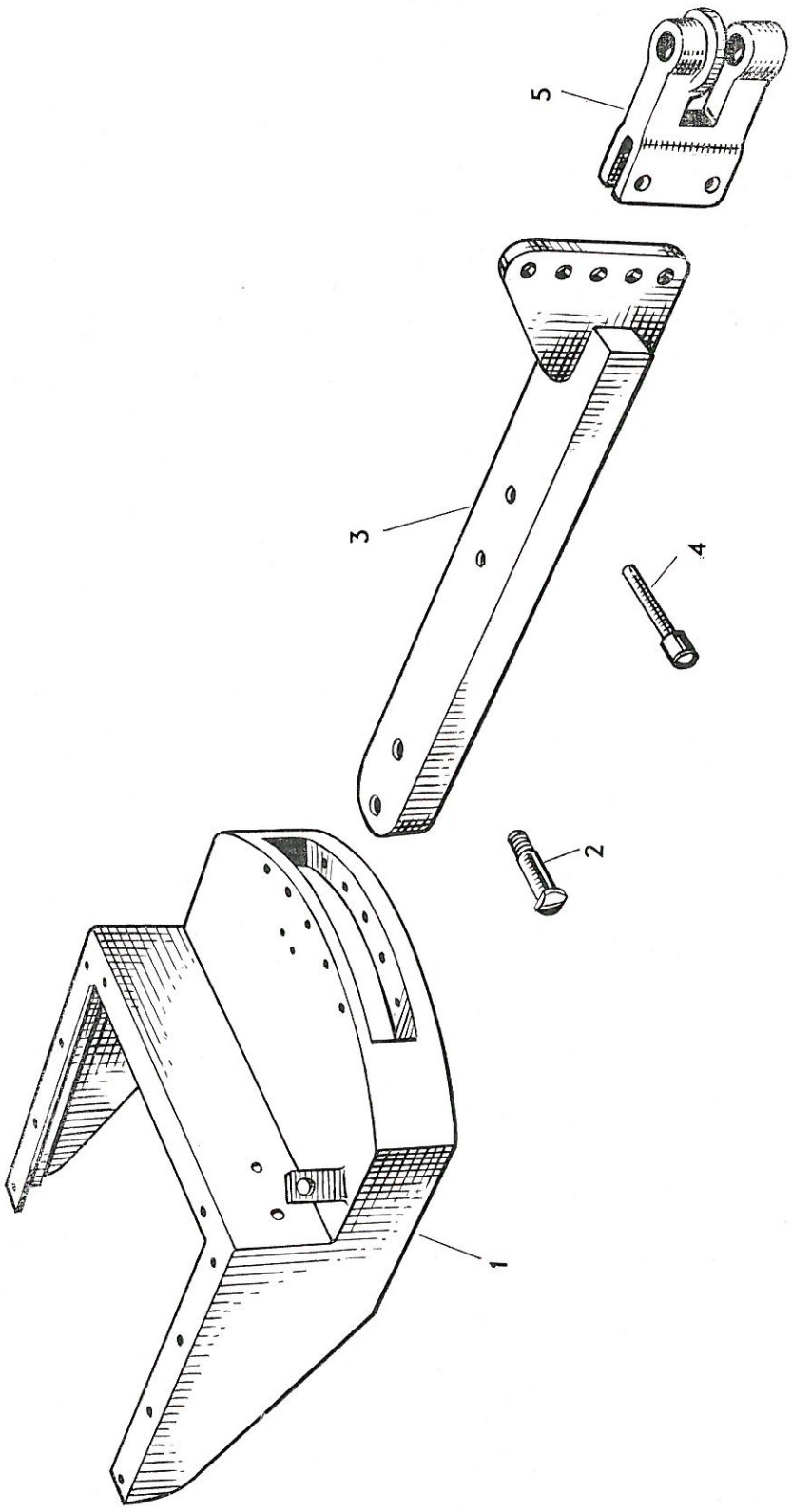
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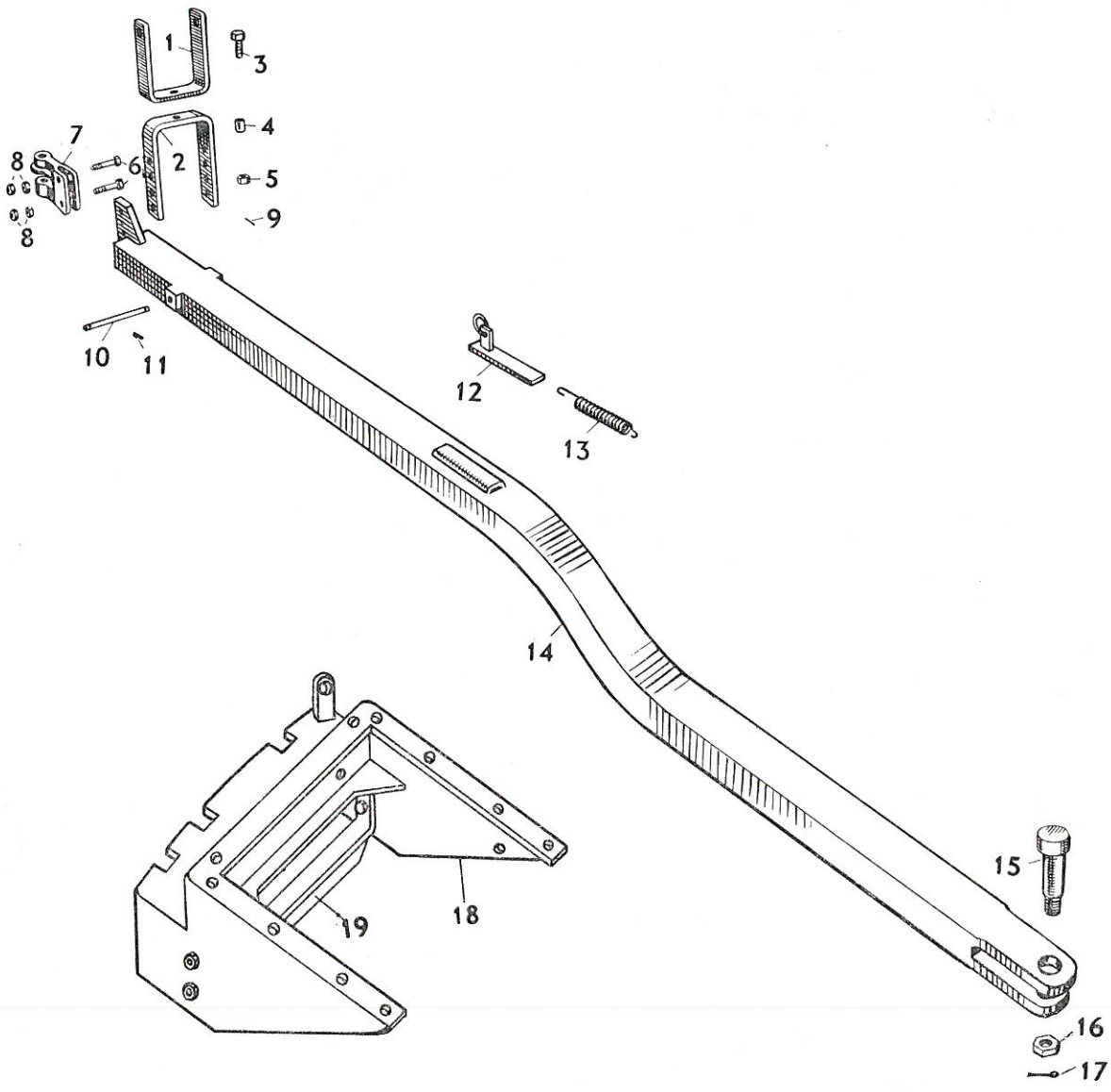
FORECARRIAGE (SHORT DRAWBAR MODEL)

Ref No.	Part No.	Description	No. Off	Remarks
1.	7003072	Forecarriage	1	
2.	7002901	Swivel Pin	1	
	912616	$\frac{7}{8}$" U.N.C. Hex Nut	1	
3.	7003033	Tow Bar	1	
4.	7002902	Locating Pin	1	
	538985	Spring Clip	1	
	900810	$\frac{3}{16}$" Split Pin	1	
5.	538468	Tow Hitch	1	
	915971	$\frac{5}{8}$" x $2\frac{3}{4}$" U N.C. Hex Bolt	2	
	910308	$\frac{5}{8}$" U.N.C. Hex Nut	2	
	910511	$\frac{5}{8}$" U.N.C. Hex Lock Nut	2	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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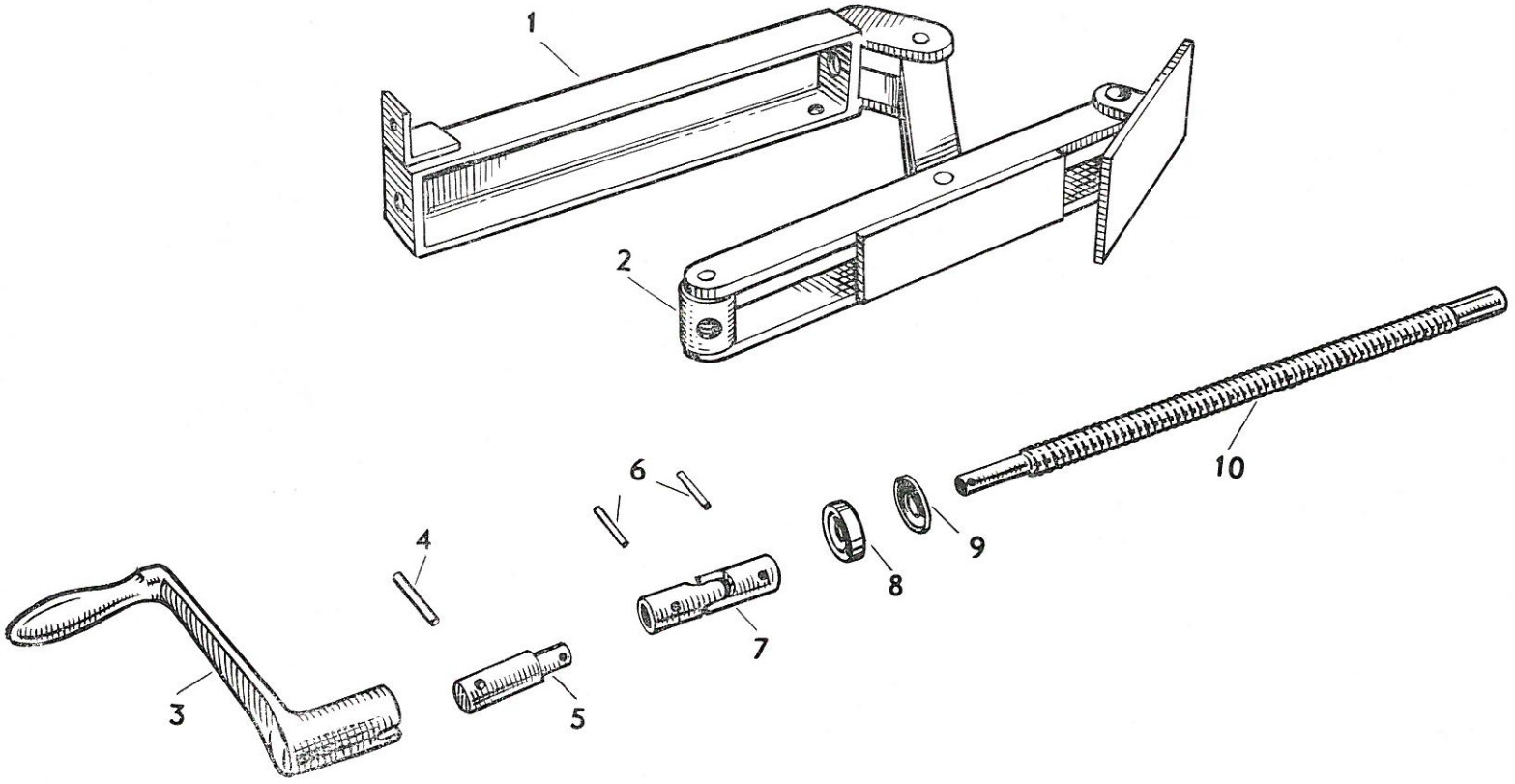
LONG DRAWBAR

Ref No.	Part No.	Description	No. Off	Remarks
1.	7006751	U Bracket (Top)	1	
2.	539009	U Bracket (Bottom)	1	
3.	539011	$\frac{5}{8}$" x $1\frac{3}{4}$" Hex Bolt	1	
4.	539010	Distance Tube	1	
5.	915318	$\frac{5}{8}$" U.N.C. Hex Nut	1	
6.	915971	$\frac{5}{8}$" x $2\frac{3}{4}$" U.N.C. Hex Bolt	2	
7.	538468	Tow Hitch	1	
8.	910308	$\frac{5}{8}$" U.N.C. Hex Nut	2	
	910511	$\frac{5}{8}$" U.N.C. Hex Lock Nut	2	
9.	900808	$\frac{1}{8}$" x $1\frac{1}{2}$" Split Pin	1	
10.	538334	Trunnion Pin	2	
11.	538985	Spring Cotter	4	
12.	7003040	Locking Bar	1	
13.	538761	Spring	1	
14.	7003038	Drawbar	1	
15.	7003045	Pivot Pin	1	
	913267	1" Washer	1	
16.	7008975	$\frac{5}{16}$" Spring Cotter Pin	1	
17.	900812	$\frac{3}{16}$" x $1\frac{3}{4}$" Split Pin	1	
18.	7003043	Forecarriage	1	
19.	7003033	Tow Bar	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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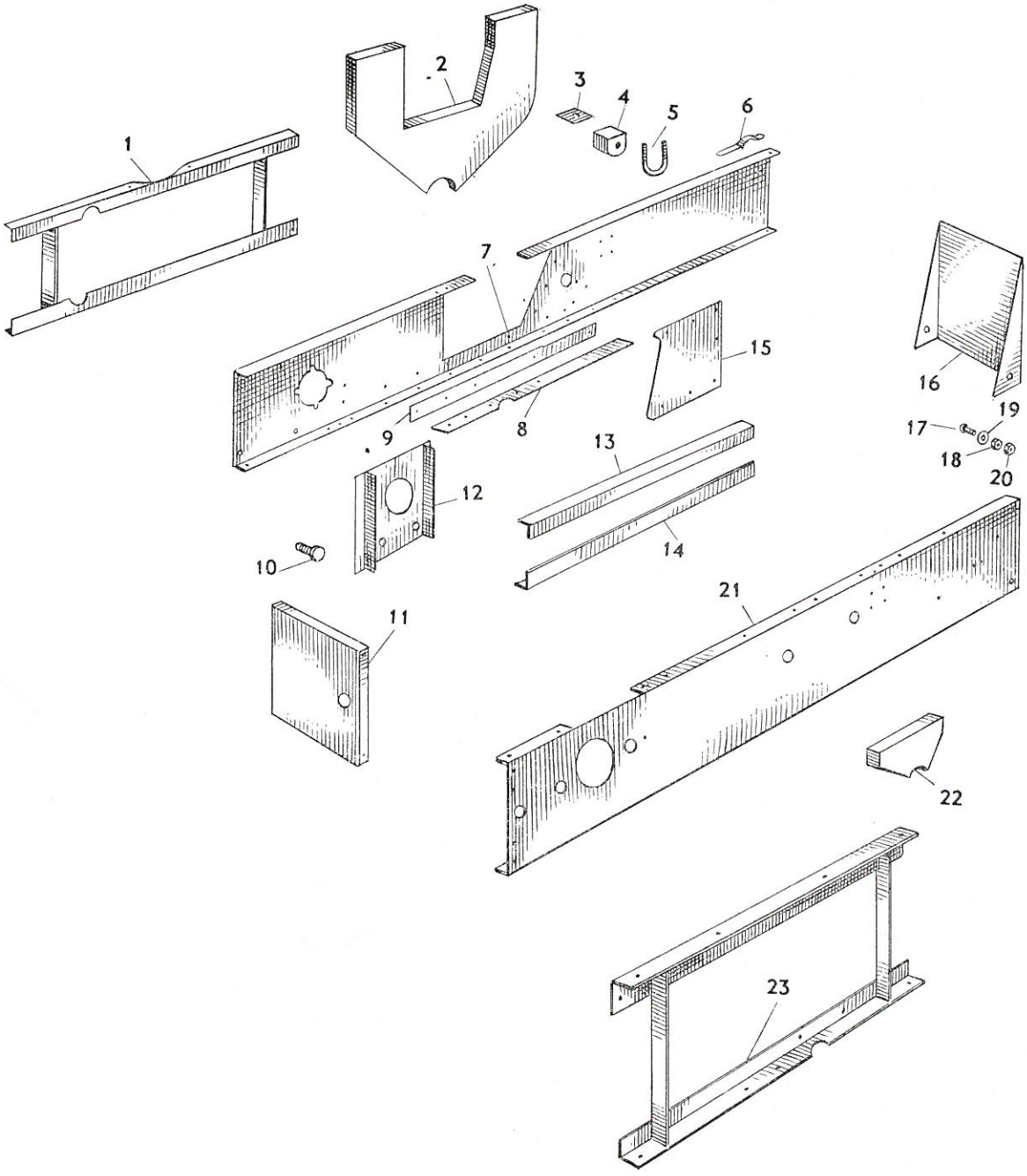
LIFTING JACK

Ref No.	Part No.	Description	No. Off	Remarks
1.	7002917	Jack Body	1	
	923114	$\frac{1}{2}$" x 1" U.N.C. Hex Bolt	4	
	904208	$\frac{1}{2}$" Spring Washer	4	
	910325	$\frac{1}{2}$" U.N.C. Hex Nut	4	
2.	7009237	Jack Nut	1	
3.	7002908	Jack Handle	1	
4.	7008027	$\frac{5}{16}$" x 2" Groove Pin	1	
5.	7002909	Spindle	1	
6.	7008023	$\frac{1}{4}$" x 1$\frac{1}{2}$" Groove Pin	2	
7.	7008910	Universal Joint	1	
8.	7008152	Thrust Race	1	
9.	7002905	Spacing Washer	1	
10.	7002904	Jack Thread	1	
	7002918	Spacer	2	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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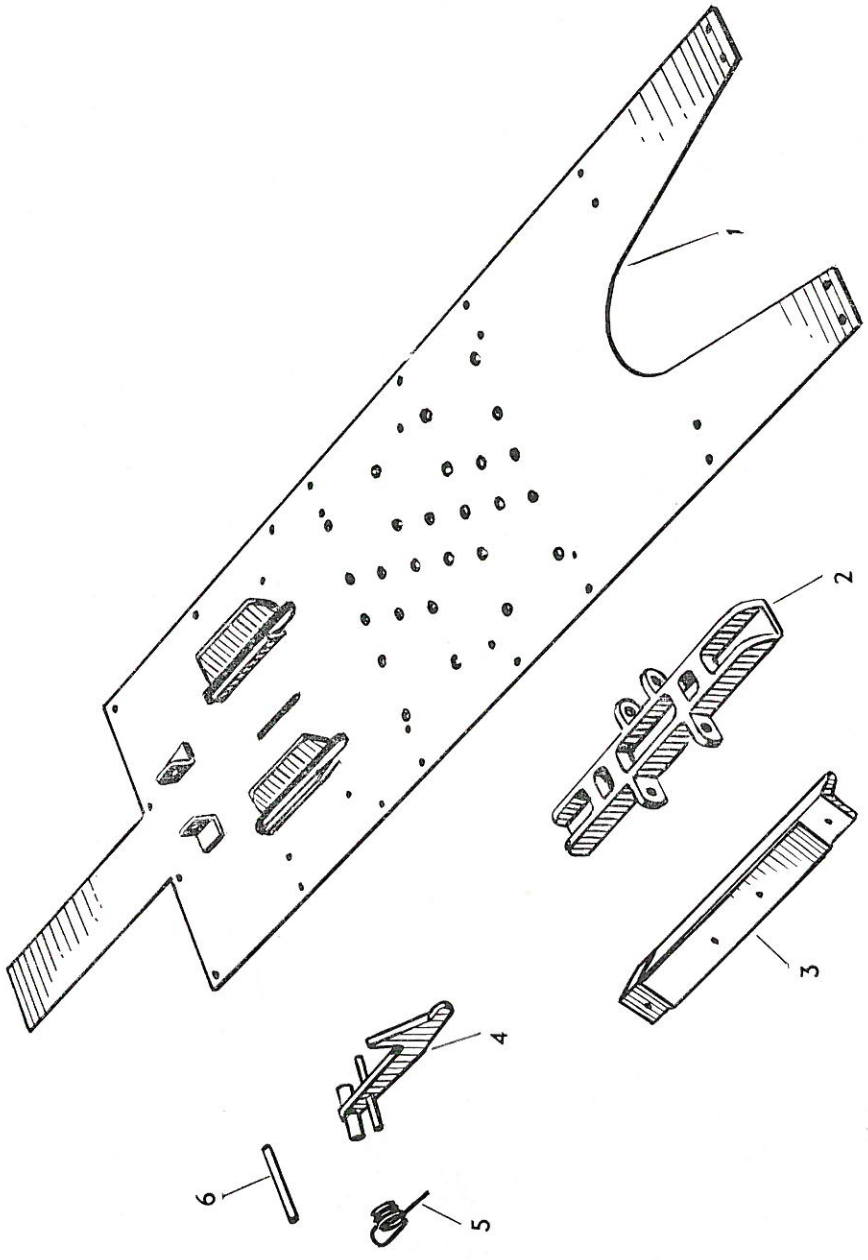
CHAMBER

Ref No.	Part No.	Description	No. Off	Remarks
1.	7002973	Chamber Angle R.H.	1	
	7007846	$\frac{3}{8}$" x $1\frac{1}{4}$" U.N.C. Mush HD Bolt	3	
	913943	$\frac{3}{8}$" x $1\frac{1}{4}$" U.N.C. C/S HD Bolt	3	
	904206	$\frac{3}{8}$" Spring Washer	6	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	3	
2.	7003004	Axle Bracket R.H.	1	
3.	538682	Rubber Pads	3	
4.	538633	Twine Guide	3	
5.	538634	'U' Bolts	3	
	910323	$\frac{5}{16}$" U.N.C. Hex Nut	6	
	904205	$\frac{5}{16}$" Spring Washer	6	
	7003989	Bracket Twine Guide	1	(Not Illustrated)
6.	7002954	Door Clip	1	
	900574	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Screw	2	
	904204	$\frac{1}{4}$" Spring Washer	2	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	2	
7.	7002955	Chamber Side R.H.	1	
8.	7002945	Floor Runner R.H.	1	
	914814	$\frac{3}{8}$" x 1" U.N.C. C/S Screw	4	
	914642	$\frac{3}{8}$" x 1" U.N.C. C/S Screw	5	
	904206	$\frac{3}{8}$" Spring Washer	9	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	9	
9.	7002893	Ram Slide R.H.	1	
10.	7002969	Eccentric Locating Bolt	3	
	904209	$\frac{5}{8}$" Spring Washer	3	
	910511	$\frac{5}{8}$" U.N.C. Hex Nut	3	
11.	7002855	Front Plate	1	
12.	7002856	Plate Small Gear Box	1	
13.	7003019	Chamber Angle L.H. Top	1	
14.	7003020	Chamber Angle L.H. Bottom	1	
	7007851	$\frac{3}{8}$" x $1\frac{1}{2}$" U.N.F. Adj Bolts	4	
	915228	$\frac{3}{8}$" x $1\frac{1}{4}$" U.N.F. Adj Bolts	10	
	910329	$\frac{3}{8}$" U.N.F. Hex Lock Nut	14	
	915189	$\frac{3}{8}$" x $1\frac{1}{4}$" U.N.C. S/C HD SQ Neck Bolt	4	
	915187	$\frac{3}{8}$" x 1" U.N.C. S/C HD SQ Neck Bolt	4	
	913544	$\frac{3}{8}$" Washer	8	
	904206	$\frac{3}{8}$" Spring Washer	8	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	8	
15.	7003022	Shear Plate	1	
16.	7002943	Chamber Door	1	
17.	7007849	$\frac{1}{2}$" x $1\frac{1}{4}$" U.N.C. Mush HD Bolt	2	
18.	910325	$\frac{1}{2}$" U.N.C. Hex Nut	2	
19.	7002952	Distance Piece	2	
20.	910510	$\frac{1}{2}$" U.N.C. Hex Lock Nut	2	
21.	7003024	Chamber Side L.H.	1	
22.	7003023	Axle Bracket L.H.	1	
23.	7009241	Chamber Angle L.H.	1	
	7003634	Ram Cleaners	2	(Not Illustrated)
	7003051	Cover. L/H Chamber Side	1	Serial No. 412869 and up

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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CHAMBER FLOOR

Ref No.	Part No.	Description	No. Off	Remarks
1.	7002843	Floor Plate	1	
2.	7002967	Anchor Bracket	1	
	7007849	½″ x 1¼″ U.N.C. Mush HD Bolt	2	
	904208	½″ Spring Washer	2	
	910325	½″ U.N.C. Nut	2	
3.	7002889	Support Angle	1	
	7003046	Packing Piece	1	
	7007909	⅜″ x 1″ U.N.C. Mush HD Bolt	2	
	913943	⅜″ x 1¼″ U.N.C. C/S Screw	4	
	904206	⅜″ Spring Washer	6	
	910324	⅜″ U.N.C. Hex Nut	6	
4.	7003925	Retainer	1	
5.	538474	Spring	2	
6.	7002875	Pin	1	
	912333	½″ Washer	2	
	900805	⅛″ x ¾″ Split Pin	2	
	7002949	Packing Plate	1	

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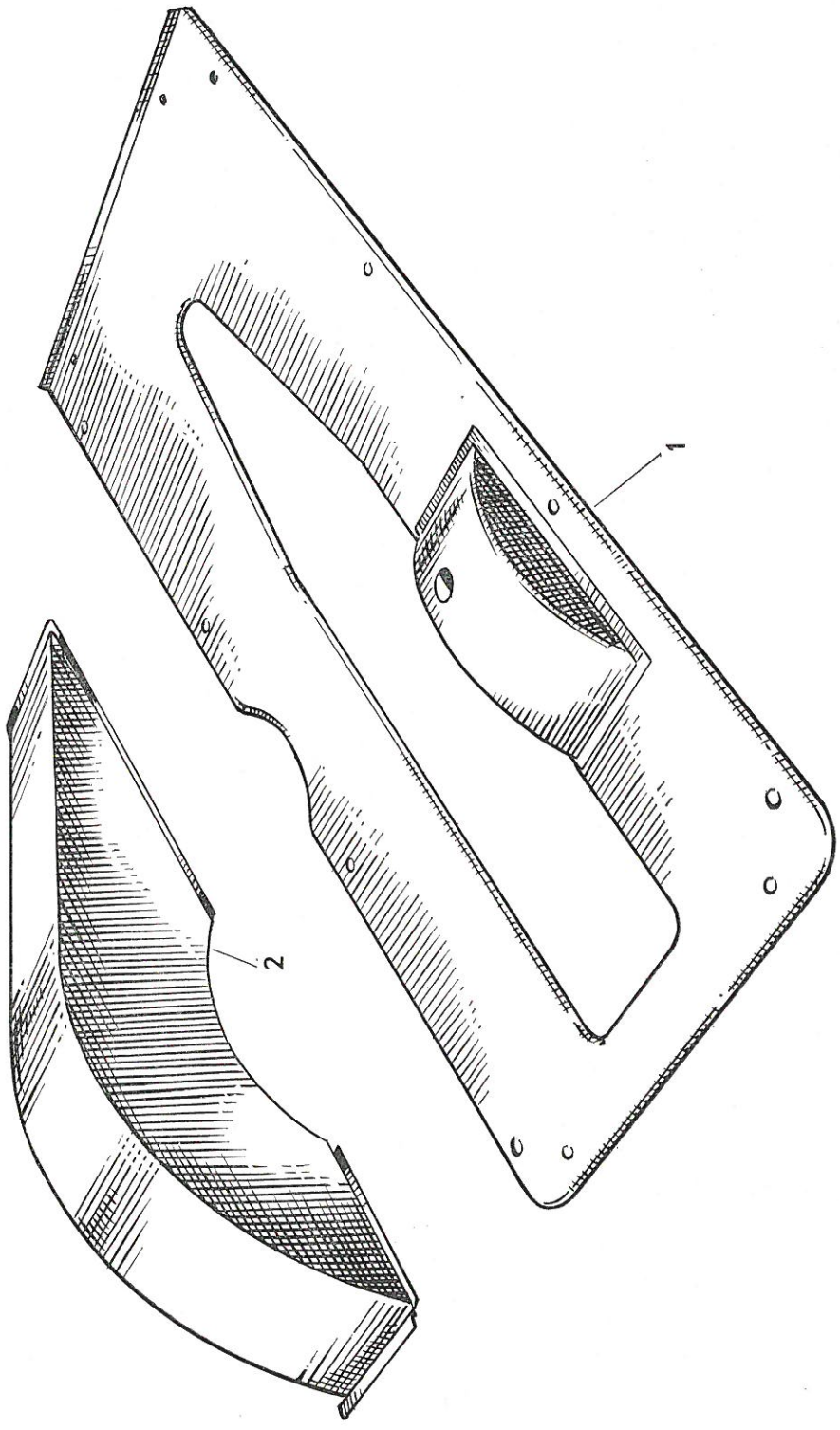
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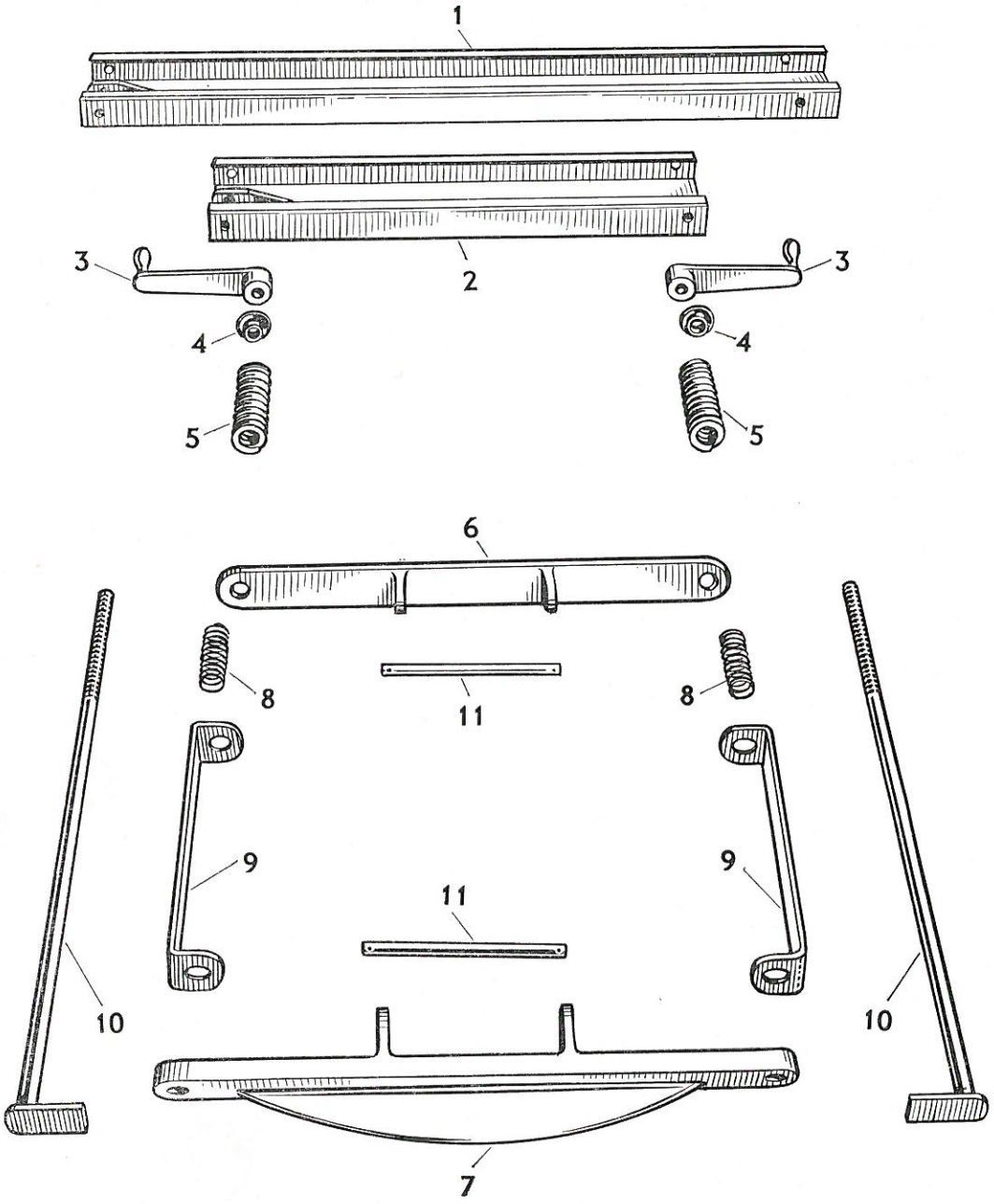
TOP PLATE

Ref No.	Part No.	Description	No. Off	Remarks
1.	7002958	Top Plate	1	
	916310	½″ x 1″ U.N.C. Hex Bolt	8	
	916311	½″ x 1¼″ U.N.C. Hex Bolt	2	
	910325	½″ U.N.C. Hex Nut	10	
	904208	½″ Spring Washer	10	
2.	7002974	Crank Cover	1	
	916953	⅜″ U.N.C. Wing Nut	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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PRESS CONTROL

Ref No.	Part No.	Description	No. Off	Remarks
1.	538676	Press Channel (top)	1	
	7007849	½″ x 1¼″ U.N.C. Mush HD Bolt	2	
	910510	½″ U.N.C. Hex Lock Nut	4	
2.	538675	Press Channel (lower)	1	
	7007849	½″ x 1¼″ U.N.C. Mush HD Bolt	2	
	910510	½″ U.N.C. Hex Lock Nut	4	
3.	538478	Adjusting Handle	2	
4.	538479	Collar	4	
5.	538480	Spring	2	
6.	7006558	Press Bracket	1	
7.	7006558	Press Bracket	1	
8.	538472	Spring	2	
9.	7004019	Guide Bracket	2	
10.	7004023	Press Rod	2	
	910923	¾″ U.N.C. Hex Nut	2	
	7007845	⅜″ x ¾″ U.N.C. Mush HD Bolt	4	
	910324	⅜″ U.N.C. Hex Nut	4	
	904206	⅜″ Spring Washer	4	
11.	538987	Pin	2	
	538985	Spring Clip	4	

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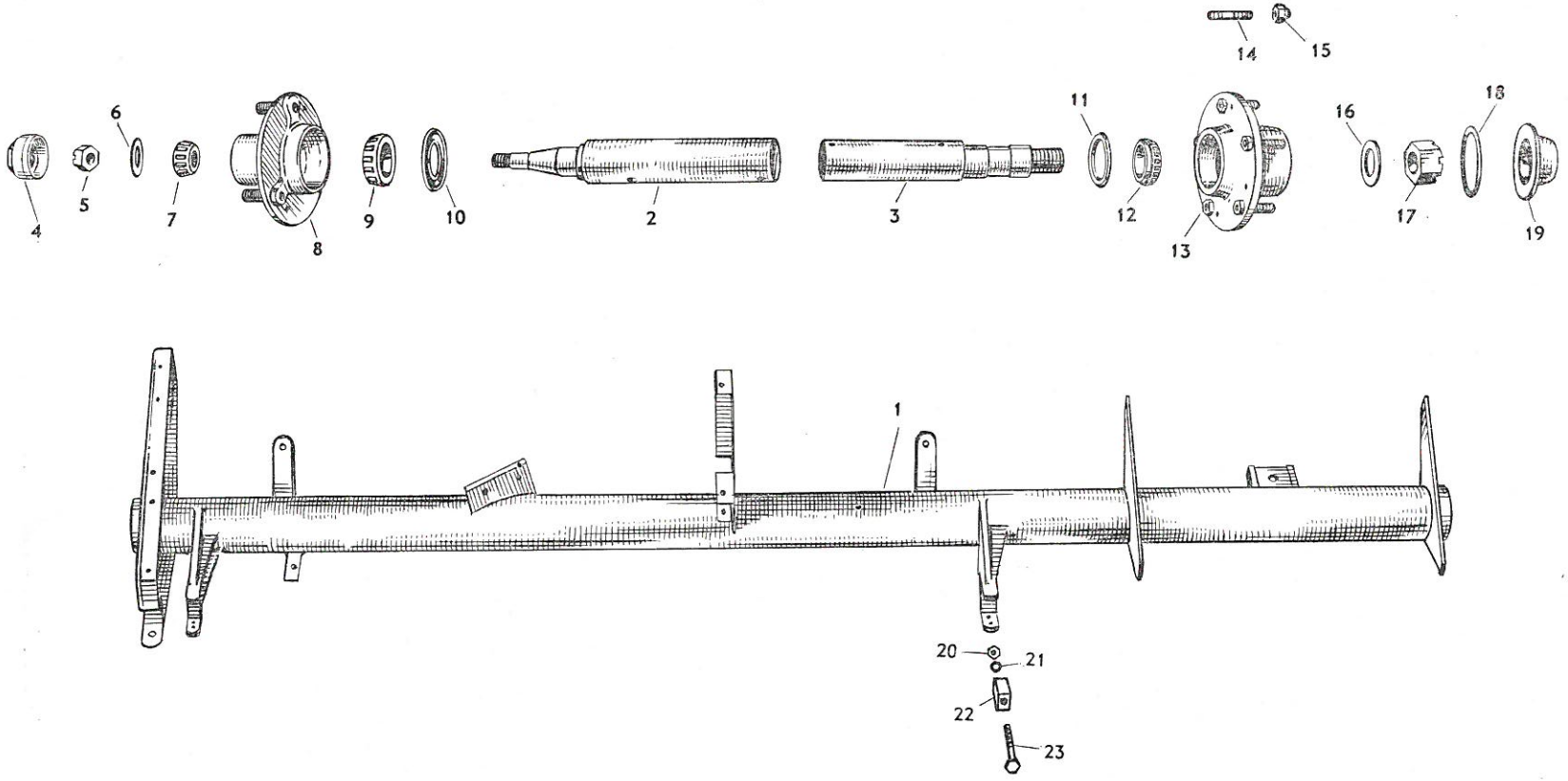
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AXLE

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004145	Axle	1	
2.	7004185	Stub Axle R.H.	1	Serial No. 412869 and up
	7004144	Stub Axle R.H.	1	Prior to Serial No. 412869
3.	7004184	Stub Axle L.H.	1	Serial No. 412869 and up
	7004173	Stub Axle L.H.	1	Prior to Serial No. 412869
	916320	½″ x 4¼″ U.N.C. Hex Bolt	4	
	912333	½″ Washer	4	
	910325	½″ U.N.C. Hex Nut	4	
	912772	½″ U.N.C. Hex Lock Nut	4	
4.	7008783	Hub Cap	1	Serial No. 412869 and up
	7008771	Hub Cap	1	Prior to Serial No. 412869
5.	912840	Nut	1	
	900808	Split Pin	1	
6.	910816	Washer	1	Serial No. 412869 and up
	7008774	Washer	1	Prior to Serial No. 412869
7.	7008787	Cone Bearing (Outer)	1	Serial No. 412869 and up. Not Serviced Separately Order Set
	7008788	Cup Bearing (Outer)	1	
	7008143	Bearing (Outer)	1	Prior to Serial No. 512869
8.	7008784	Hub Shell	1	Serial No. 412869 and up
	7008769	Hub Shell	1	Prior to Serial No. 412869
9.	7008785	Cone and Seal, Bearing (Inner)	1	Serial No. 412869 and up. Not Serviced Separately Order Set
	7008786	Cup, Bearing (Inner)	1	
	7008142	Bearing	1	Prior to Serial No. 412869
10.	7008772	Oil Seal	1	Prior to Serial No. 412869
11.	7008715	Oil Seal	1	Prior to Serial No. 412869
12.	7008792	Cone and Seal, Bearing (Inner)	1	Serial No. 412869 and up. Not Serviced Separately Order Set
	7008793	Cup, Bearing (Inner)	1	
	7008138	Bearing	1	Prior to Serial No. 412869
13.	7008790	Hub Shell	1	Serial No. 412869 and up
	7008711	Hub Shell	1	Prior to Serial No. 412869
	7008794	Cone Bearing	1	Serial No. 412869 and up
	7008795	Cup Bearing	1	Serial No. 412869 and up
14.	207503	Hub Bolt	10	Serial No. 412869 and up
	7008706	Wheel Stud L.H. (5 stud)	5	Prior to Serial No. 412869
	7008770	Wheel Stud R.H. (3 stud)	3	Prior to Serial No. 412869
15.	7008707	Wheel Nut (5 stud)	5	Prior to Serial No. 412869
	7008713	Wheel Nut (3 stud)	3	Prior to Serial No. 412869
16.	7004187	Washer	1	Serial No. 412869 and up
	7008714	Washer	1	Prior to Serial No. 412869
17.	912331	Nut	1	Serial No. 412869 and yp
	7008526	Nut	1	Prior to Serial No. 412869
18.	7008704	Seal Ring	1	Prior to Serial No. 412869
19.	7008791	Hub Cap	1	Serial No. 412869 and up
	7008703	Hub Cap	1	Prior to Serial No. 412869
20.	910324	⅜″ U.N.C. Hex Nut	2	
21.	904206	⅜″ Spring Washer	2	
22.	7004171	Distance Piece	2	
23.	916272	⅜ x 3½″ U.N.C. Hex Bolt	2	
24.	7008688	Wheel, disc (5 stud) L.H. (Not illustrated)	1	Prior to Serial No. 412869
25.	7008694	Wheel, disc (3 stud) R.H. (Not illustrated)	1	
26.	7008698	Wheel, disc L.H. (Not illustrated)	1	Serial No. 412869 and up
27.	7008695	Wheel, disc R.H. (Not illustrated)	1	

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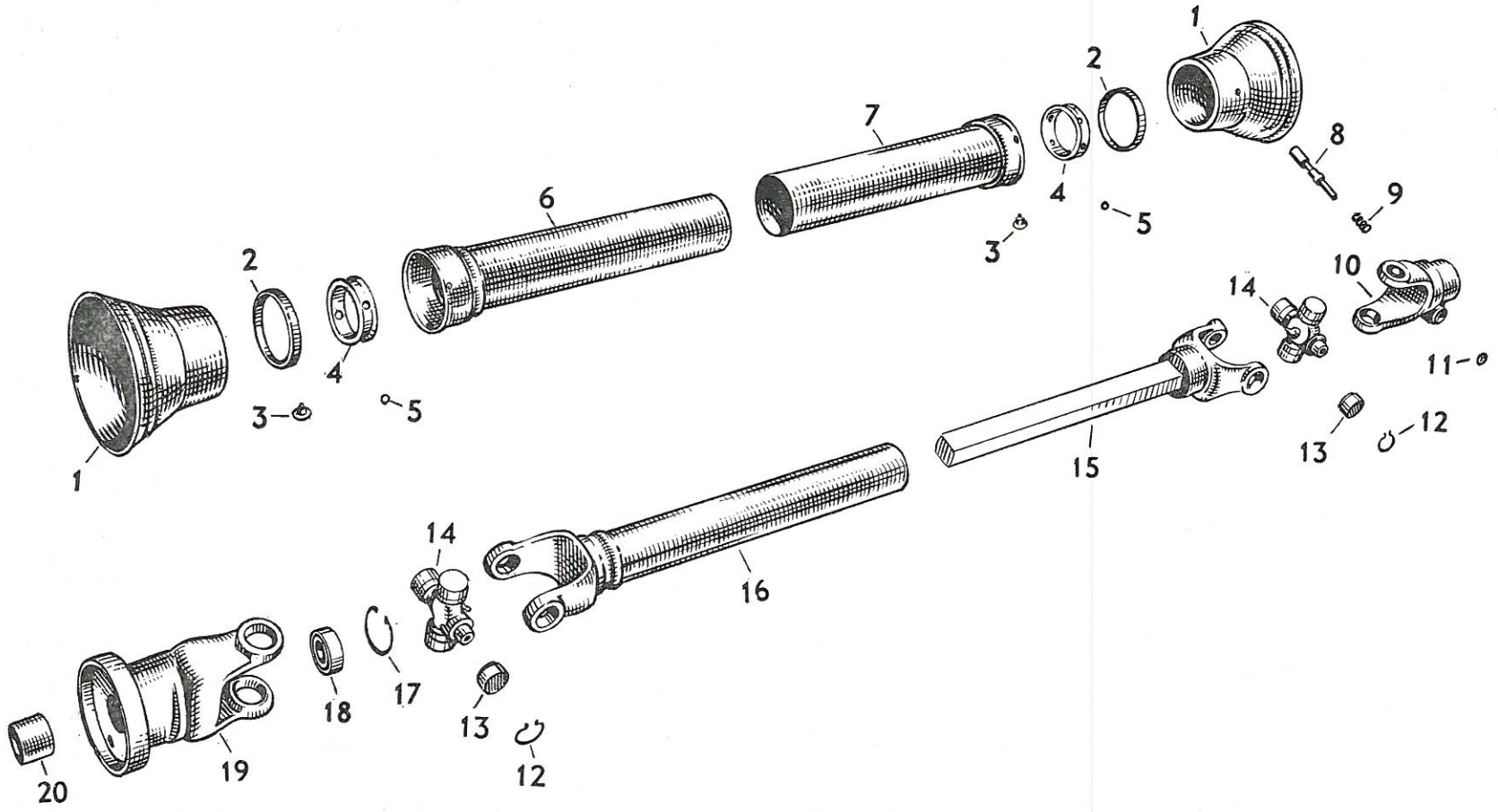
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P.T.O. SHAFT (SHORT DRAW-BAR MODEL)

Ref No.	Part No.	Description	No. Off	Remarks
1.	7003344	Plastic Cone	2	
2.	7003339	Split Race Inner	2	
	7003340	Split Race Outer	2	
	7003342	Crimped Spring	2	
	7003343	Thumb Grommet	4	
3.	7003345	Nylon Grommet	6	
4.	7003341	Retaining Ring	2	
5.	7003309	Steel Ball	12	
6.	7003346	Plastic Cover (Inner)	1	
7.	7003349	Plastic Cover (Outer)	1	
8.	7007679	Plunger Pin	1	
9.	7007680	Spring	1	
10.	7007678	Splined Yoke	1	
11.	7007682	Washer	1	
	900802	Split Pin	1	
12.	—	Circlip	8	Not Serviced Separately
13.	—	Journal Cap and Needles Bearing	8	Order Part No. 7007676
14.	7007676	Journal Assembly	2	
15.	7003303	Ball Yoke and Sq–Shaft	1	
16.	7003338	Stub Ball Yoke and Tube	1	
17.	7007685	Circlip	1	
18.	7003348	Bearing	1	
19.	7003347	Over-Run Yoke	1	
20.	7007686	Bush	1	

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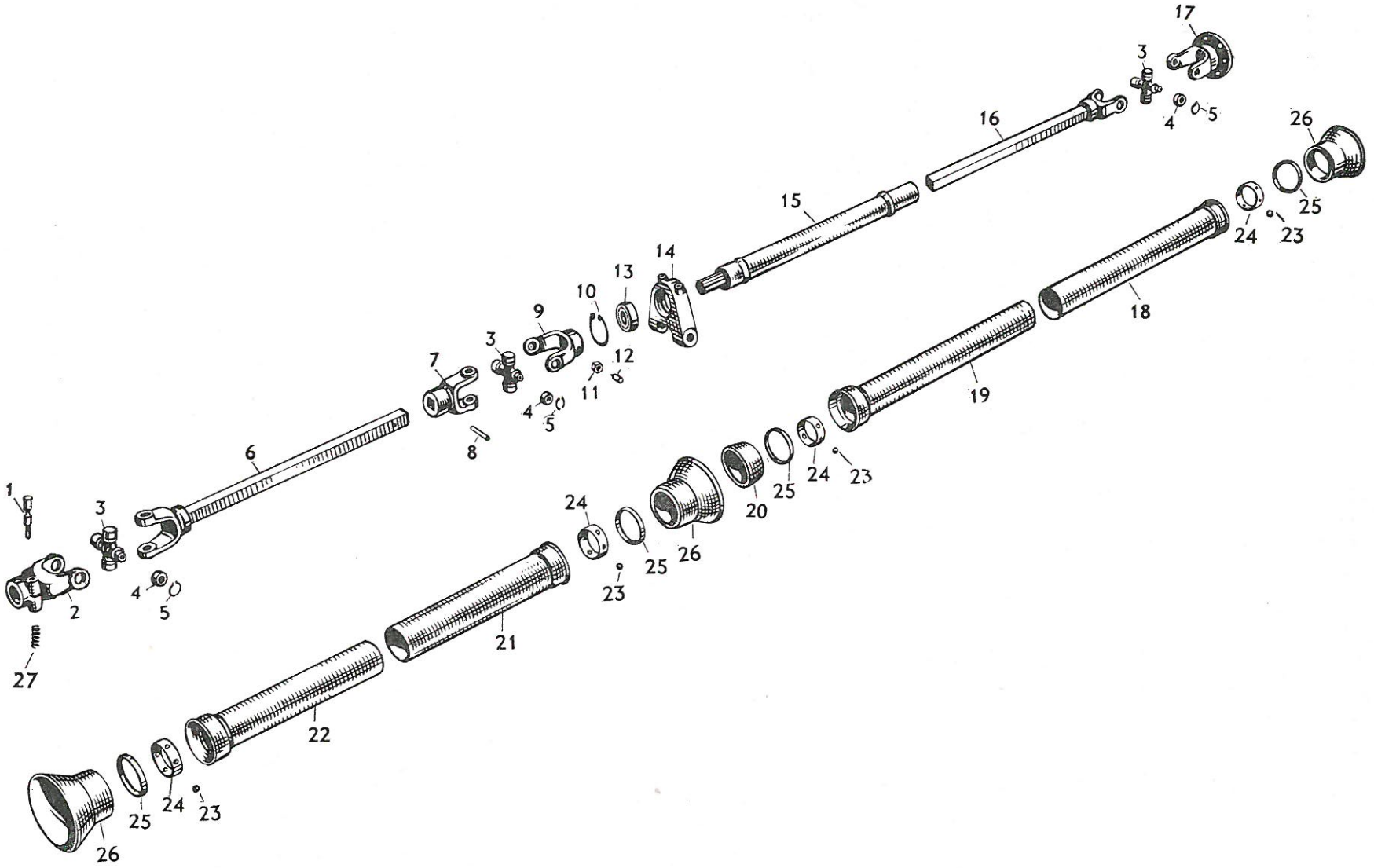
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P.T.O. SHAFT (LONG DRAW-BAR MODEL)

Ref No.	Part No.	Description	No. Off	Remarks
1.	7007679	Pin	1	
2.	7007678	Splin Yoke	2	
3.	7007676	Jornal Assy.	3	
4.	7007677	Jornal Cap and Needle Bearings	12	Not Serviced Separately
5.	7007681	Circlip	12	Order Part No. 7007676
6.	7003352	Ball Yoke and Sq–Shaft	1	
7.	7003353	Ball Yoke	1	
8.	7003314	Grooved Pin	1	
9.	7007683	End Yoke	1	
10.	7008856	Circlip	1	
11.	7003312	Locking Nut	1	
12.	7003311	Set Screw	1	
13.	7007726	Bearing	1	
14.	7006759	Trunnion	1	
	7006753	Trunnion Guard	1	
	7006754	Distance Tube	2	
	916286	$\frac{1}{4}$" x $1\frac{1}{2}$" U.N.C. Hex Bolt	2	
	904204	$\frac{1}{4}$" Spring Washer	2	
15.	7003318	Splined Stub Shaft	1	
16.	7003350	Ball Yoke and Sq–Shaft	1	
17.	7003307	Flanged Yoke. This has been replaced by over-run yoke Part No. 7003347. Page No. 9 Refers.	1	
18.	7003321	Plastic Outer Tube	1	
19.	7003319	Plastic Inner Tube	1	
20.	7003320	Plastic Cover	1	
21.	7003315	Plastic Outer Tube	1	
22.	7003316	Plastic Inner Tube	1	
23.	7003309	Steel Ball	24	
24.	7003299	Ball Retaining Ring	4	
25.	7003300	Split Outer Race	8	
26.	7007935	Plastic Cone	3	
27.	7003036	Spring	1	

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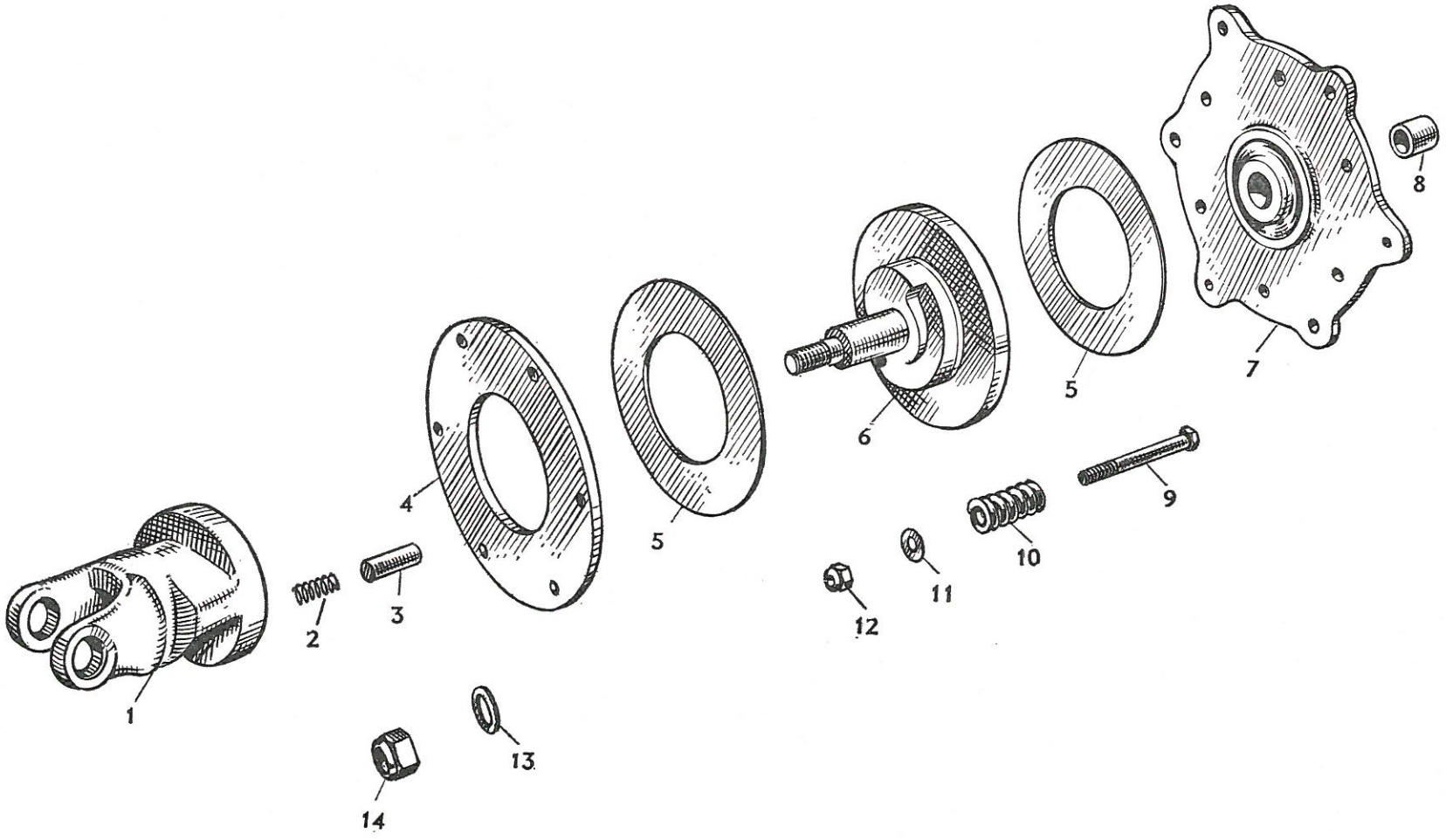
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FLYWHEEL CLUTCH & OVER-RUN

Ref No.	Part No.	Description	No. Off	Remarks
1.	7003347	Over-run Yoke	1	
2.	7007737	Plunger Spring	2	
3.	7007712	Plunger	2	
4.	7007711	Clutch Front Plate	1	
5.	7007710	Clutch Lining Disc.	2	
6.	7007707	Clutch Over-run Jaw Assy.	1	
7.	7007708	Clutch Back Plate	1	
8.	7007709	Bush	1	
9.	919015	$\frac{3}{8}$" x $3\frac{1}{2}$" U N.C. Hex Bolt	6	
10.	7008837	Clutch Spring	6	
11.	913544	$\frac{3}{8}$" Washer	6	
12.	918308	$\frac{3}{8}$" U.N.C. S/L Nut	6	
13.	7006434	Spacer	1	
14.	910345	$\frac{5}{8}$" U.N.F. S/L Nut	1	

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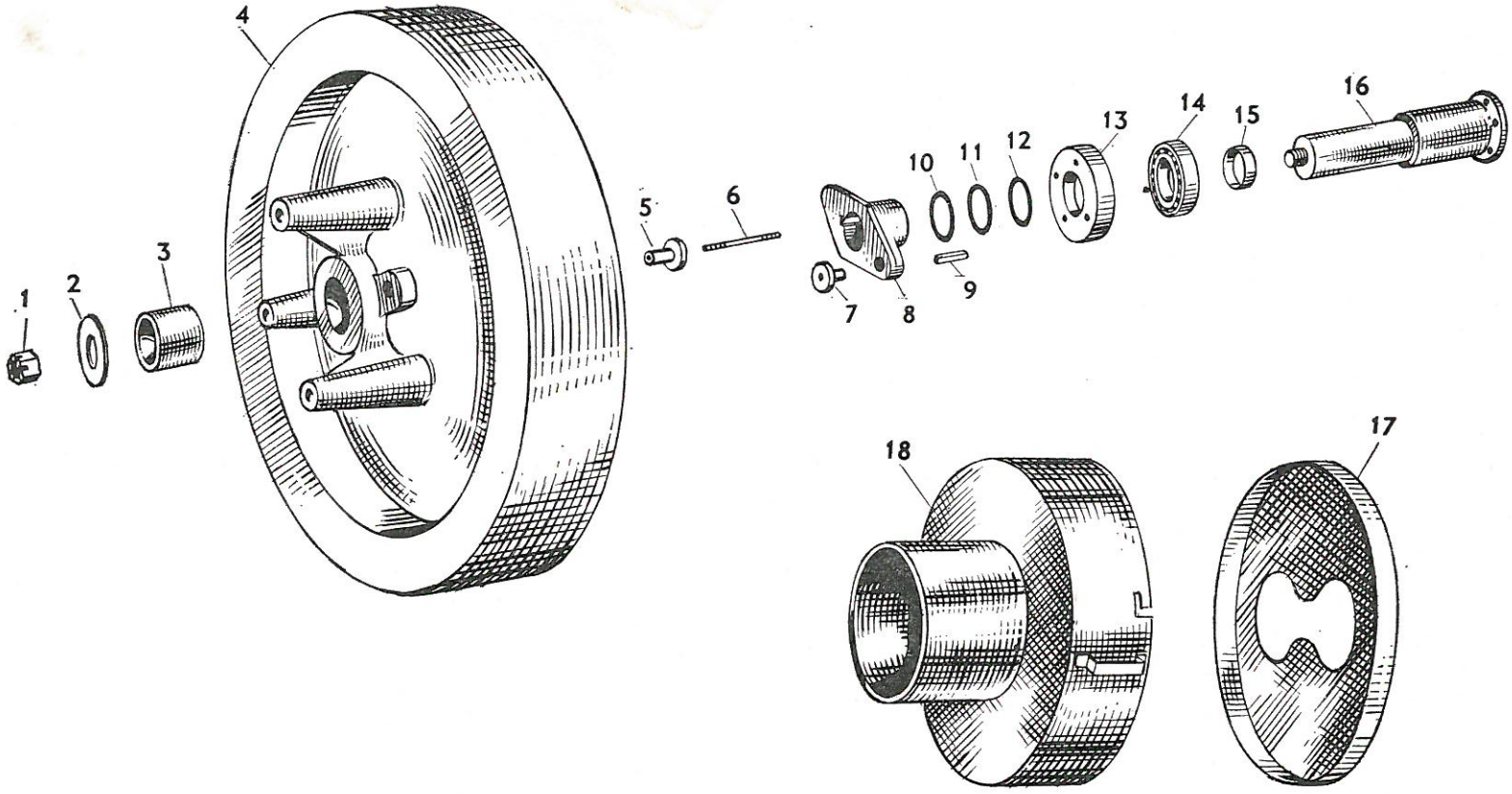
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FLYWHEEL & DRIVE SHAFT

Ref No.	Part No.	Description	No. Off	Remarks
1.	912331	¾″ U.N.F Hex. Nut	1	
	900808	⅛″ x 1½″ Split Pin	1	
2.	538500	Retainer Washer	1	
3.	7004715	Bush	1	
4.	7003331	Flywheel	1	
	7008315	⅛″ N.P.S. Grease Nipple	1	
5.	7003153	Shear Pin Bush (Flywheel)	1	
6.	7003161	Shear Pin	1	
	7003323	Washer Special	1	
	914900	⅜″ Washer	1	
	910323	⅜″ U.N.C. Hex Nut	2	
7.	7003152	Shear Pin Bush (Drive Flange)	1	
	7003159	Shim .002″ Shear Bush	A.R.	
	7003160	Shim .005″ Shear Bush	A.R.	
8.	7003141	Drive Flange	1	
9.	7008592	Key	2	
10.	7003165	Spacing Washer 1/16″	A.R.	
11.	7003166	Spacing Washer 3/32″	A.R.	
12.	7003167	Spacing Washer ⅛″	A.R.	
13.	7003137	Bearing Housing	1	
	7008316	Grease Nipple	1	
14.	7008081	Bearing	1	
15.	7003138	Spacing Collar	A.R.	
	7003139	Spacing Collar	A.R.	
	7003140	Spacing Collar	A.R.	
16.	7003135	Shaft	1	
	7003217	Shim Shaft Main Drive	A.R.	
	7003218	., ,, ,, ,	A.R.	
	7003355	½″ x 1¼″ U.N.F. Hex Bolt	4	
	910867	½″ U.N.F. Hex Nut	4	
	900806	⅛″ x 1″ Split Pin	4	
17.	7003333	Back Plate (Flywheel Guard)	1	
	916314	½″ x 2″ U.N.C. Hex Bolt	4	
	904208	½″ Spring Washer	4	
	910325	½″ U.N.C. Hex Nut	4	
18.	7003332	Flywheel Guard	1	

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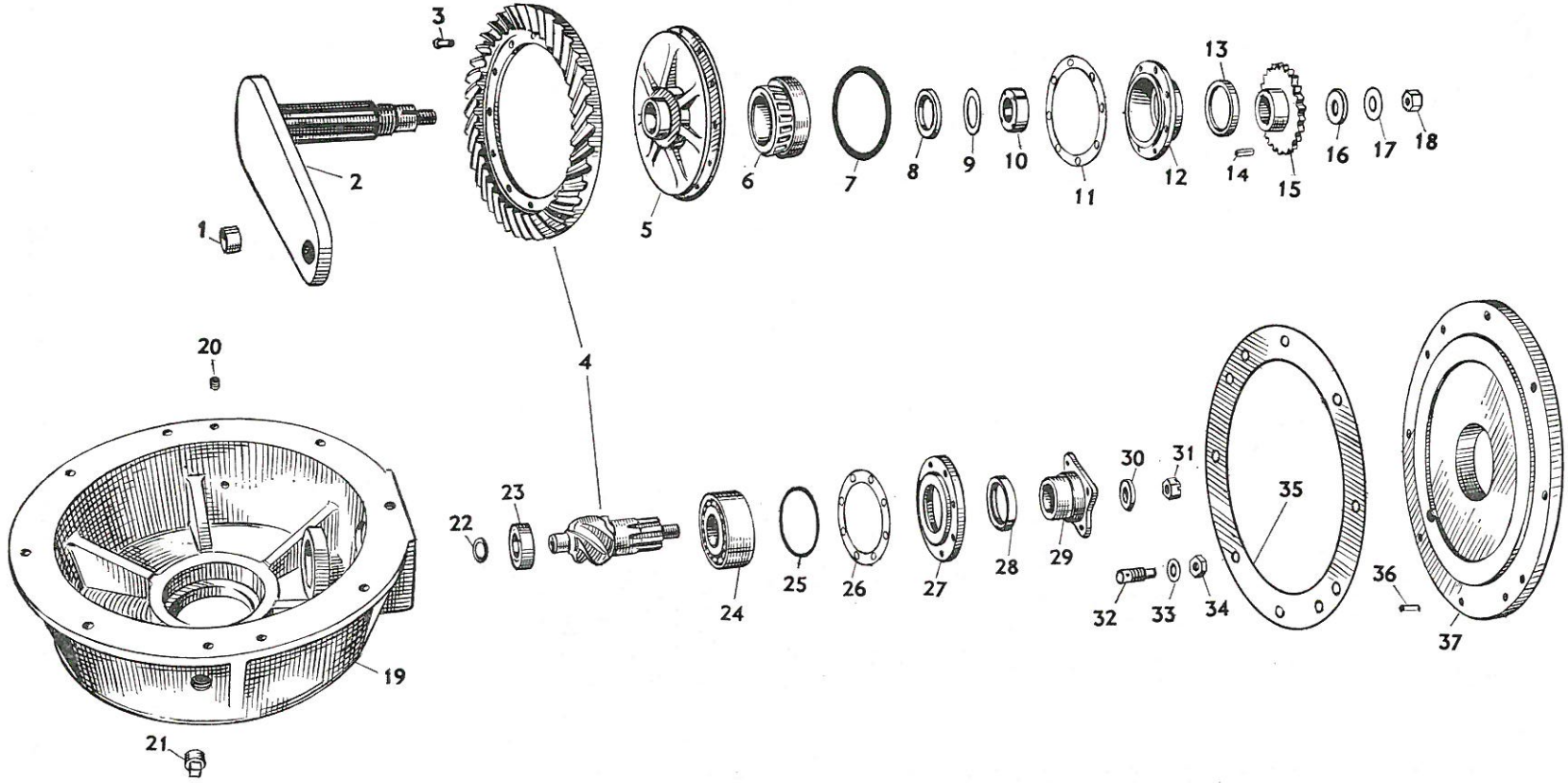
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MAIN GEARBOX

Ref No.	Part No.	Description	No. Off	Remarks
1.	7003207	Crank Bush	1	
2.	7003275	Drive Crank	1	
3.	7003123	Rivet	12	
4.	7003069	Crown Wheel and Pinion	1	
5.	7003273	Crown Wheel Carrier	1	
6.	7008137	Bearing	2	
7.	7003206	Shim .015″	A.R.	
	7003205	Shim .006″	A.R.	
	7003204	Shim .004″	A.R.	
	7003203	Shim .003″	A.R.	
	7003202	Shim .002″	A.R.	
8.	7003200	Washer	1	
9.	7003172	Lock Washer	1	
10.	7003171	Lock Nut	1	
11.	7003249	Gasket	1	
12.	7003198	Bearing Cap	1	
	916271	$\frac{3}{8}$″ x 1″ U.N.C. Hex Bolt	8	
	904206	$\frac{3}{8}$″ Spring Washer	8	
13.	7008535	Oil Seal	1	
14.	910344	Key	2	
15.	7003289	Spur Wheel	1	
16.	7003156	Washer	A.R.	
17.	538668	Lock Washer	1	
18.	910174	1″ U.N.F. Nut	1	
19.	7003196	Gearbox Housing	1	
20.	7008339	$\frac{1}{4}$″ Drain-Level Plug	2	
21.	7007728	$\frac{3}{4}$″ Filler Plug	1	
22.	7003128	Circlip	1	
23.	7008146	Bearing	1	
24.	7008126	Bearing	1	
25.	7003132	Shim .005″	A.R.	
	7003133	Shim .010″	A.R.	
	7003154	Shim .002″	A.R.	
	7003163	Shim .025″	A.R.	
26.	7003248	Gasket	1	
27.	7003125	Bearing Cap	1	
	916272	$\frac{3}{8}$″ x 1$\frac{1}{4}$″ U.N.C. Hex Bolt	8	
	904206	$\frac{3}{8}$″ Spring Washer	8	
28.	7008536	Oil Seal	1	
29.	7003126	Flange	1	
30.	7003127	Washer	1	
31.	912331	$\frac{3}{4}$″ U.N.F. Slotted Nut	1	
32.	7003150	Plug (Steady screw)	1	
	7003149	Steady Screw	1	
33.	913267	1″ Washer	1	
34.	7008522	Nut (Steady Screw)	1	
35.	7003247	Gasket	1	
36.	7007862	Dowel Pin	2	
37.	7003197	Cover Plate	1	
	916314	$\frac{1}{2}$″ x 2″ U.N.C. Hex Bolt	1	
	7007620	$\frac{1}{2}$″ x 2″ U.N.C. C/SK Screw	1	
	904208	$\frac{1}{2}$″ Spring Washer	2	
	910325	$\frac{1}{2}$″ U.N.C. Nut	2	

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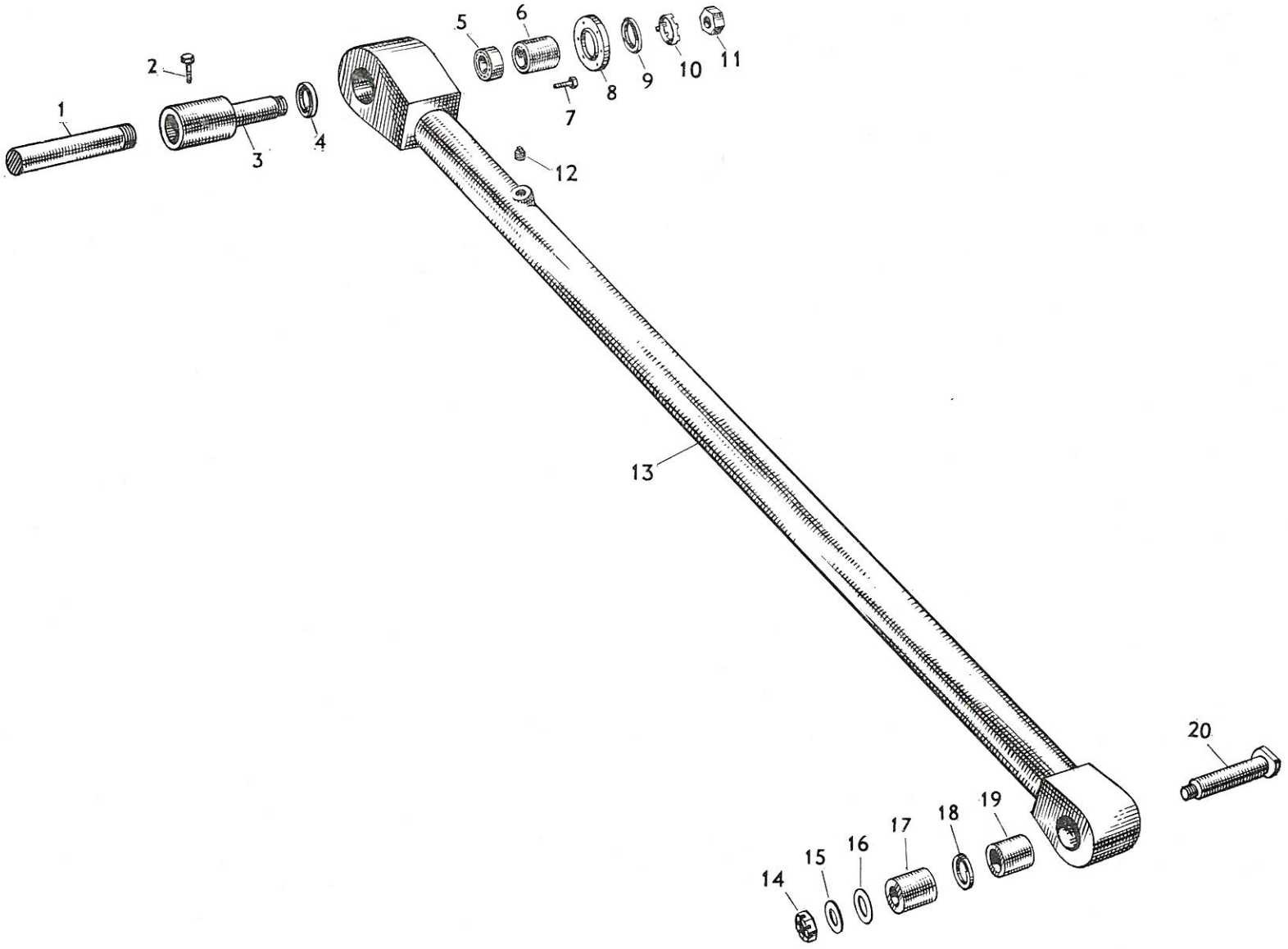
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RAM CON-ROD

Ref No.	Part No.	Description	No. Off	Remarks
1.	7003560	Ram Shaft	1	
2.	7003456	Locating Bolt	1	
3.	7003454	Spacing Bush	1	
4.	7008548	Oil Seal	1	
5.	7008155	Bearing	1	
6.	7003455	Spacing Bush	1	
7.	7008669	$\frac{1}{4}''$ x $\frac{3}{4}''$ U.N.F. Hex Bolt	8	
8.	7003438	Bearing Cap	1	
9.	7008548	Oil Seal	1	
10.	7003447	Tab Washer	1	
11.	7003448	Nut	1	
12.	7008340	Filler Plug	1	
13.	7007796	Ram Con Rod	1	
14.	911174	1" U.N.F. Hex Nut	1	
	900812	$\frac{3}{16}''$ x $1\frac{5}{8}''$ Split Pin	1	
15.	913267	1" Washer	1	
16.	7003442	Shim .005"	A.R.	
	7003443	Shim .010"	A.R.	
	7003444	Shim .020"	A.R.	
	7003445	Shim .025"	A.R.	
	7003446	Shim .060"	A.R.	
17.	7003437	Spacing Bush	1	
18.	7008540	Oil Seal	2	
19.	7003433	Bush	1	
20.	7003426	Crank Pin	1	

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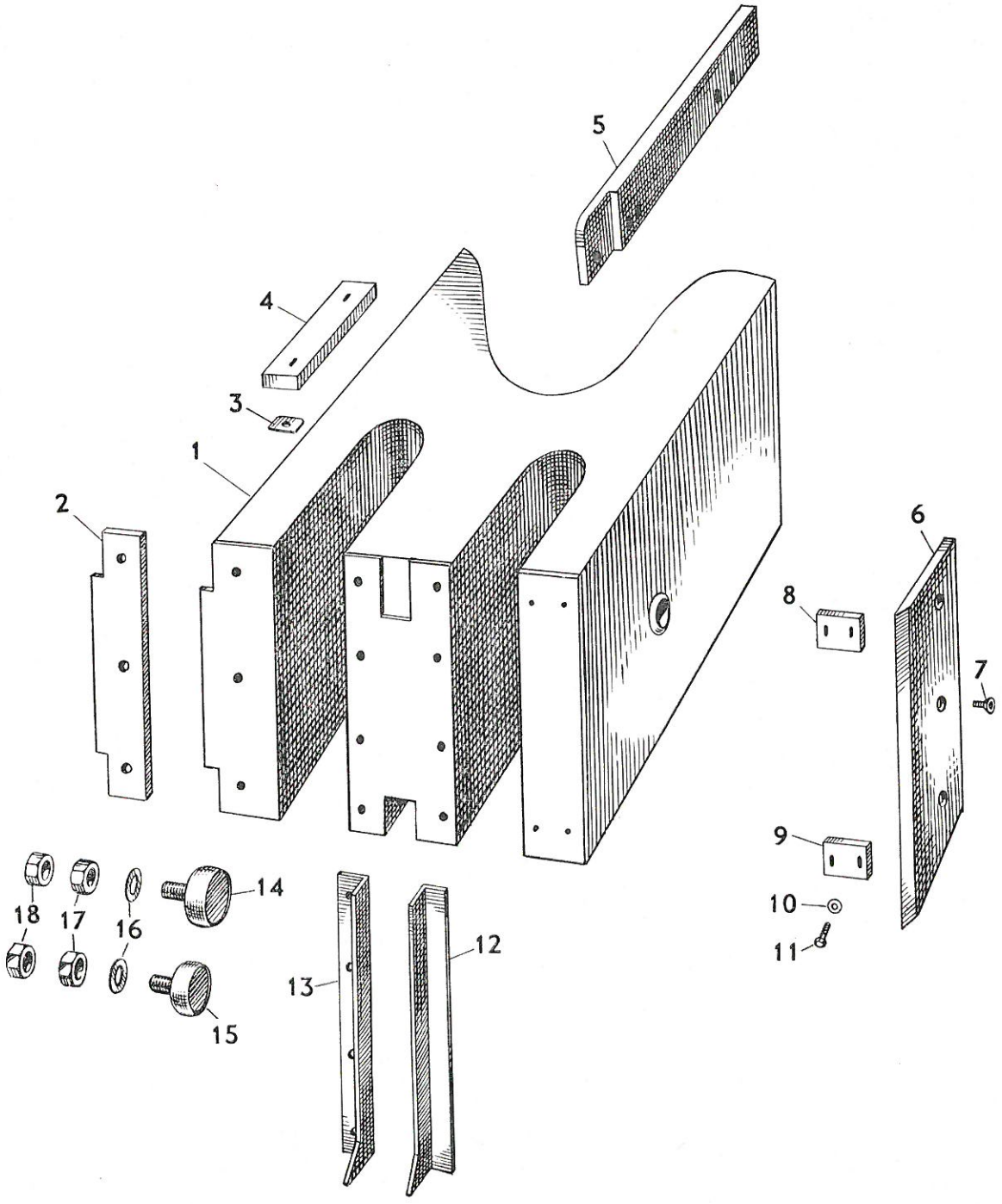
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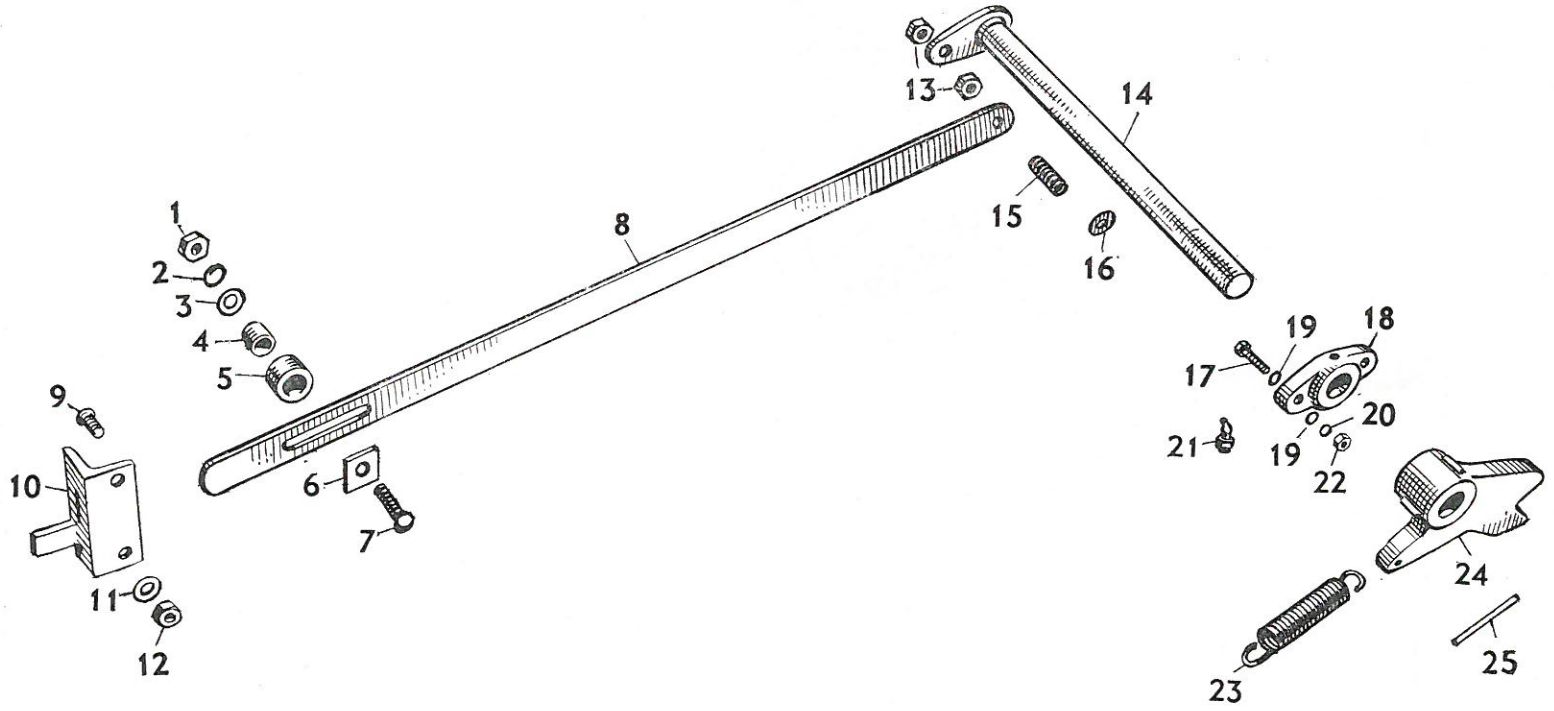
Ref No.	Part No.	Description	No. Off	Remarks
1.	7003541	Ram	1	
2.	7003555	Ram Face Packing (Long)	1	
3.	7003572	Bolster Plate	2	
4.	7003571	Ram Slide	1	
5.	7003570	Ram Slide	1	
6.	7003559	Ram Knife	1	
	7003496	Ram Knife Shim .062″	A.R.	(Not Illustrated)
	7003497	Ram Knife Shim .025″	A.R.	(Not Illustrated)
	7003498	Ram Knife Shim .015″	A.R.	(Not Illustrated)
	7003525	Ram Knife Shim .092″	A.R.	(Not Illustrated)
	7003526	Ram Knife Shim .080″	A.R.	(Not Illustrated)
7.	7007858	$\frac{1}{2}$″ x 1″ Screw (Ram Knife)	3	
8.	7003557	Ram Rear Packing		
9.	7003556	Ram Face Packing	2	
10.	913544	$\frac{3}{8}$″ Washer	15	
11.	916272	$\frac{3}{8}$″ x 1$\frac{1}{4}$″ U.N.C. Hex Bolt	15	
12.	7003553	Ram Face Angle	2	
13.	7003554	Ram Face Angle	2	
14.	7003466	Roller Assembly (Large)	5	
15.	7003462	Roller Assembly (Small)	2	
16.	910124	$\frac{5}{8}$″ U.N.F. Hex Nut	10	(Used on 7003466
	911100	$\frac{5}{8}$″ Washer	5	Roller Assembly)
17.	910986	$\frac{7}{16}$″ U.N.F. Hex Nut	4	(Used on 7003462
18.	912298	$\frac{7}{16}$″ Washer	2	Roller Assembly)
	904207	$\frac{7}{16}$″ Spring Washer	2	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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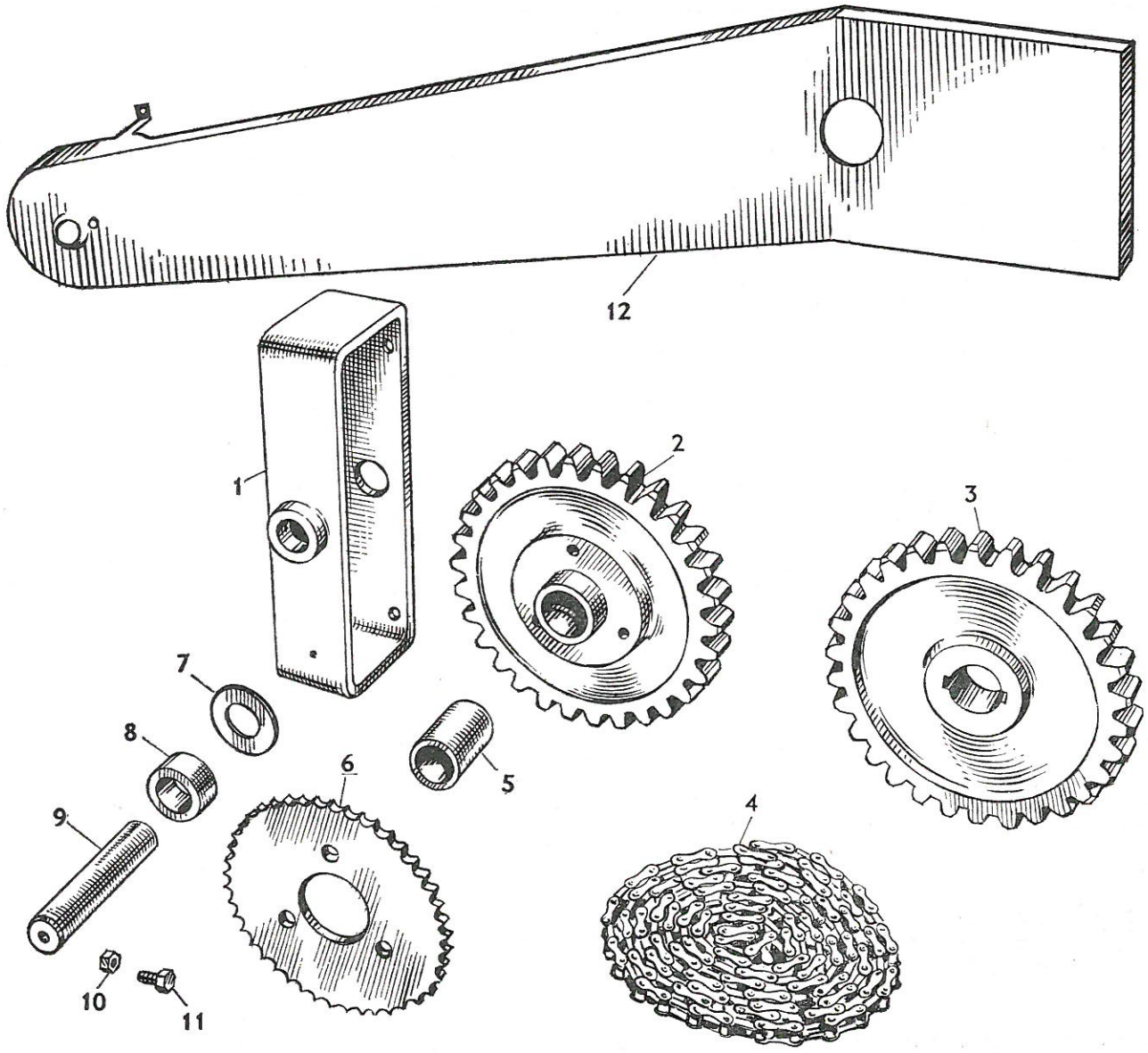
RAM STOP

Ref No.	Part No.	Description	No. Off	Remarks
1.	910325	½″ U.N.C. Hex Nut	1	
2.	904208	½″ Spring Washer	1	
3.	912333	½″ Washer	1	
4.	538760	Distance Piece	1	
5.	538759	Cam Roller	1	
6.	534815	Special Washer	1	
7.	916314	½″ x 2″ U.N.C. Hex Bolt	1	
8.	538758	Operating Bar	1	
9.	7007845	⅜″ x ¾″ U.N.C. Mush HD Screw	2	
10.	538966	Guide Bracket	1	
11.	904206	⅜″ Spring Washer	2	
12.	910324	⅜″ U.N.C. Hex Nut	2	
13.	910510	½″ U.N.C. Lock Nut	2	
14.	538755	Ram Stop Shaft	1	
15.	—	Pivot Pin part of 538758 Operating Bar	1	
16.	912333	½″ Washer	1	
17.	914392	5/16″ x 1″ U.N.C. Hex Bolt	2	
	900806	⅛″ x 1″ Split Pin	1	
18.	538757	Bearing Bracket	1	
19.	911421	5/16″ Washer	2	
20.	904205	5/16″ Spring Washer	2	
21.	7008313	¼″ U.N.F. Std. 67½° Grease Nipple	1	
22.	910323	5/16″ U.N.C. Hex Nut	2	
23.	538761	Spring	1	
24.	538754	Ram Stop	1	
25.	920449	¼″ x 2″ S/L Spring Pin	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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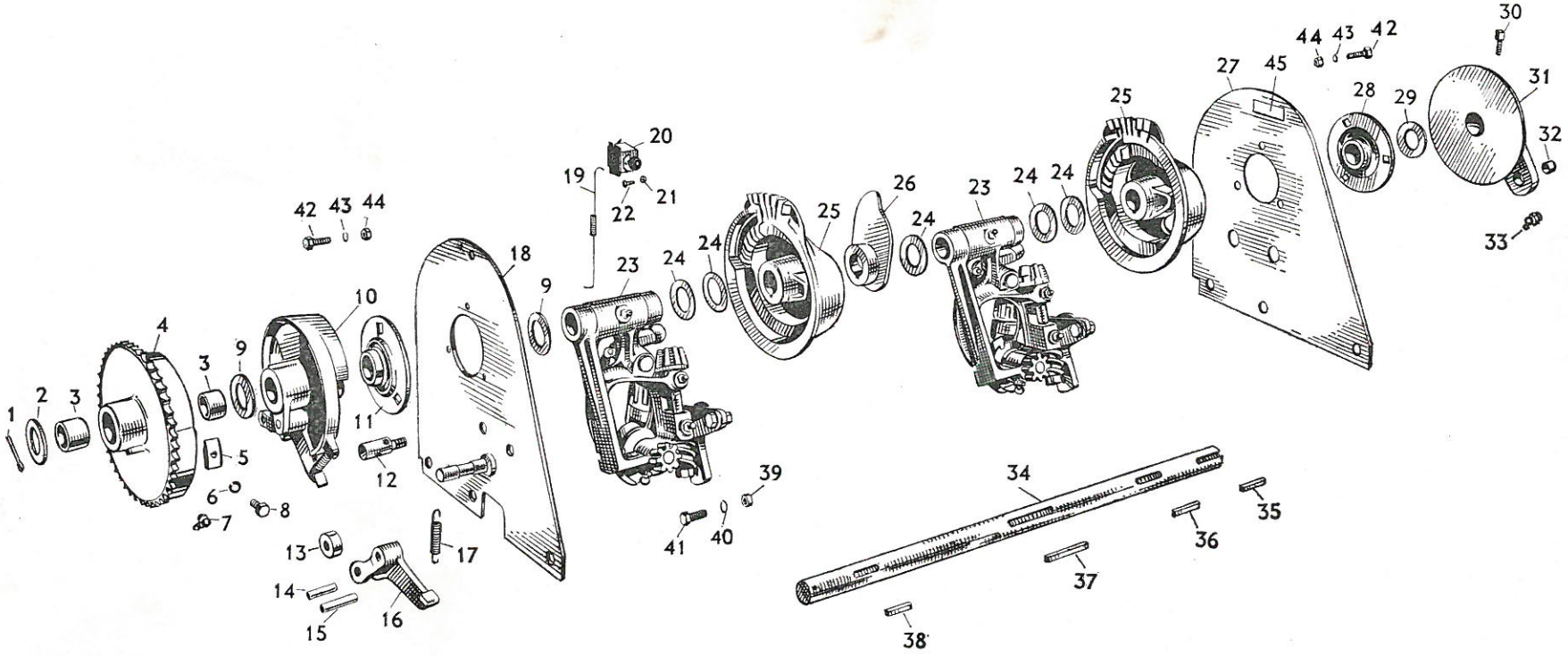
KNOTTER DRIVE

Ref No.	Part No.	Description	No. Off	Remarks
1.	7003292	Bracket	1	
	915987	$1\frac{1}{2}$" U.N.C. Hex Bolt	3	
	910325	$\frac{1}{2}$" U.N.C. Nut	3	
	912333	$\frac{1}{2}$" Washer	1	
	904208	$\frac{1}{2}$" Spring Washer	3	
2.	7003287	Spur-Wheel	1	
3.	7003289	Spur-Wheel	1	
4.	7003932	Knotter Drive Chain	1	
	7005356	Jockey Block	2	
	534815	SQ Washer	2	
	916319	$\frac{1}{2}$" x $3\frac{1}{2}$" U.N.C. Hex Bolt	2	
	904208	$\frac{1}{2}$" Spring Washer	2	
	910325	$\frac{1}{2}$" U.N.C. Nut	2	
5.	7003290	Bush	1	
6.	7003286	Sprocket	1	
7.	7003802	Spacer	1	
8.	7003291	Distance Piece	1	
9.	7003296	Shaft	1	
	7008315	Grease Nipple	1	
10.	910323	$\frac{5}{16}$" U.N.C. Hex Nut	1	
11.	914392	$\frac{5}{16}$" x 1" U.N.C. Hex Bolt	1	
12.	7003934	Knotter Drive Guard	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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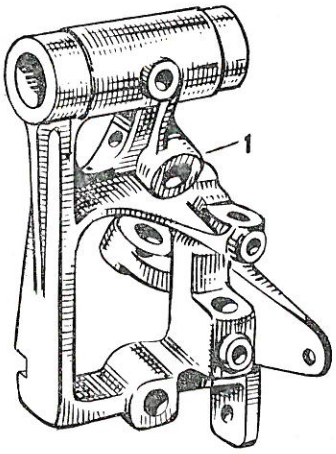
KNOTTER SHAFT

Ref No.	Part No.	Description	No. Off	Remarks
1.	901343	$\frac{1}{4}$" x $1\frac{3}{4}$" Split Pin	1	
2.	913305	Spacer (.125")	A.R.	
	538559	Spacer (.028")	A.R.	
	910890	Spacer (.062")	A.R.	
3.	538549	Bush	2	
4.	7007721	Trip Sprocket	1	
5.	538550	Trip Lever Pad	1	
6.	904205	$\frac{5}{16}$" Spring Washer	1	
7.	7008313	$\frac{1}{4}$" U.N.F. Std. $67\frac{1}{2}°$ Grease Nipple	1	
8.	915809	$\frac{5}{16}$" x $\frac{3}{4}$" U.N.C. Hex Bolt	1	
	915813	$\frac{5}{16}$" x $\frac{7}{8}$" U.N.C. Hex Bolt	1	
	910323	$\frac{5}{16}$" U.N.C. Hex Nut	1	
	904205	$\frac{5}{16}$" Spring Washer	1	
9.	910890	Spacer (.062")	1	
	7006618	1" Collar	1	
10.	538548	Trip Cam	1	
11.	538557	Bearing	1	
12.	538558	Eccentric Stop Pin	1	
13.	538552	Trip Roller	1	
14.	538553	Pivot Pin (Roller)	1	
15.	503746	Pivot Pin (Lever)	1	
16.	538551	Trip Cam Lever	1	
17.	538556	Spring	1	
18.	538996	Knotter Box Side L.H.	1	
19.	538571	Bale Counter Spring	1	
20.	538569	Bale Counter	1	
21.	7007859	2 B.A. Simmonds Nut	2	
22.	900559	2 B.A. R.D. H.D. Screw	2	
23.	7006581	Knotter Complete	2	
24.	538559	Spacer (.028")	A.R.	
	538560	Spacer (.022")	A.R.	
	538561	Spacer (.036")	A.R.	
	913305	Spacer (.125")	A.R.	
25.	538610	Knotter Back—Gear	2	
26.	538999	Twine Guide Cam	1	
27.	538997	Knotter Box Side R.H.	1	
28.	538557	Bearing	1	
29.	913305	Spacer (.125")	2	
30.	7007901	$\frac{3}{8}$" x 1" U.N.C. Square HD Set Bolt	1	
31.	538568	Needle Drive Crank	1	
32.	538679	Bush	1	
33.	7008315	$\frac{1}{8}$" Grease Nipple	1	
34.	7003939	Knotter Shaft	1	
35.	538567	Key	1	
36.	538566	Key	1	
37.	538565	Key	1	
38.	538555	Key	1	
39.	910324	$\frac{3}{8}$" U.N.C. Hex Nut	2	
40.	913544	$\frac{3}{8}$" Washer	2	
	904206	$\frac{3}{8}$" Spring Washer	2	
41.	916272	$\frac{3}{8}$" x $1\frac{1}{4}$" U.N.C. Hex Bolt	2	
42.	916271	$\frac{3}{8}$" x 1" U.N.C. Hex Set Bolt	2	
43.	904206	$\frac{3}{8}$" Spring Washer	6	
44.	910324	$\frac{3}{8}$" U.N.C. Hex Nut	6	
45.	7008966	Transfer	1	
	7003940	Knotter Box Cover	1	
	538562	Cover Clip	2	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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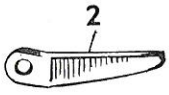
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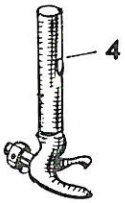
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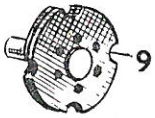
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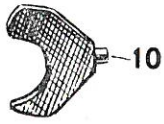
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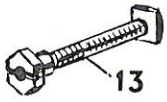
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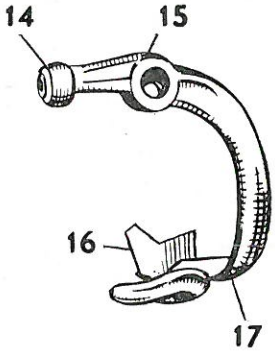
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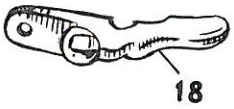
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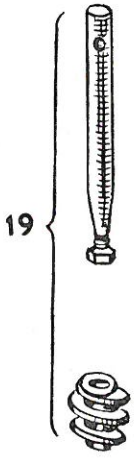
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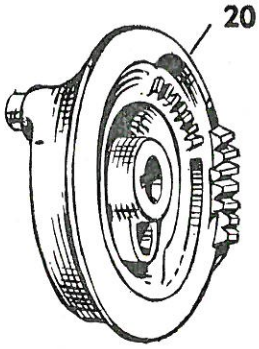
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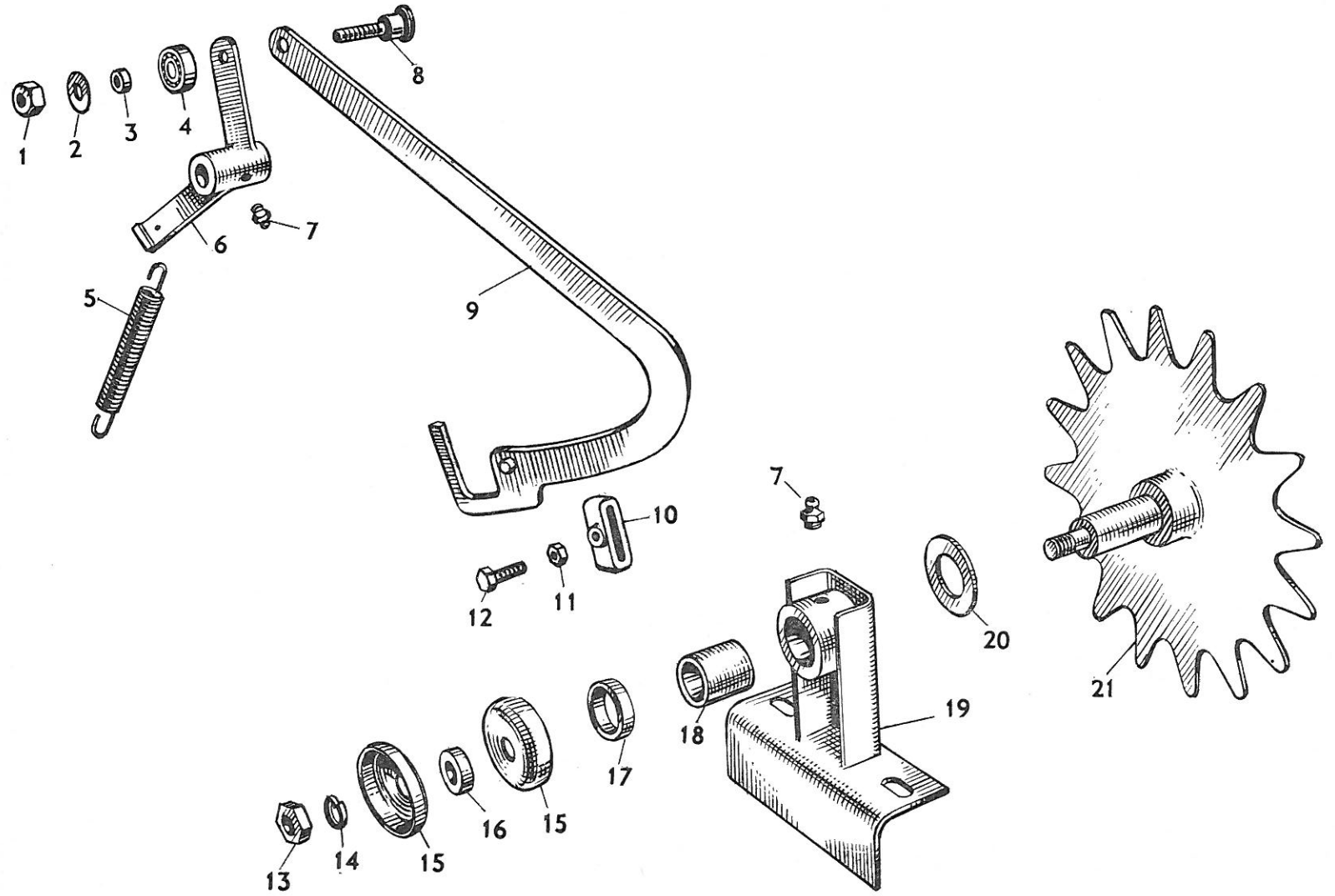
SINGLE KNOTTER

Ref No.	Part No.	Description	No. Off	Remarks
1.	538587	Knotter Frame	1	
2.	538588	Knotter Tension Spring	1	
3.	538589	Knotter Worm Pinion	1	
4.	538590	Knotter Hook Complete	1	
5.	538591	Knotter Hook Pinion	1	
6.	538592	Disc Pinion	1	
7.	538593	Twine Holder Pivot Pin	1	
8.	538594	Twine Holder Disc Complete	1	
9.	538595	Twine Holder Pivot Complete	1	
10.	538596	Twine Disc Cleaner	1	
11.	538597	Knotter Cam Spring	1	
12.	538598	Cap Screw	1	
13.	538599	Hook Cam Adj Screw	1	
14.	538602	Knife Arm Roller	1	
15.	538601	Pivot Pin	1	
16.	538603	Twine Knife	1	
17.	538604	Knife Arm Complete	1	
18.	538605	Knotter Hook Cam	1	
19.	7007720	Knotter Worm Complete	1	
20.	538610	Knotter Cam Gear	1	
	7008318	$\frac{1}{8}$″ A.S.P. 90° Grease Nipple	3	
	7008315	$\frac{1}{8}$″ A.S.P. Straight Grease Nipple	3	
	7006628	Beak Cam Locating Peg	3	
	915711	Pinion Securing Pin	3	
	538608	Shim Washer (.003″)	A.R.	
	538609	Shim Washer (.018″)	A.R.	
	7007724	Beak Cam Adj. Nut	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES



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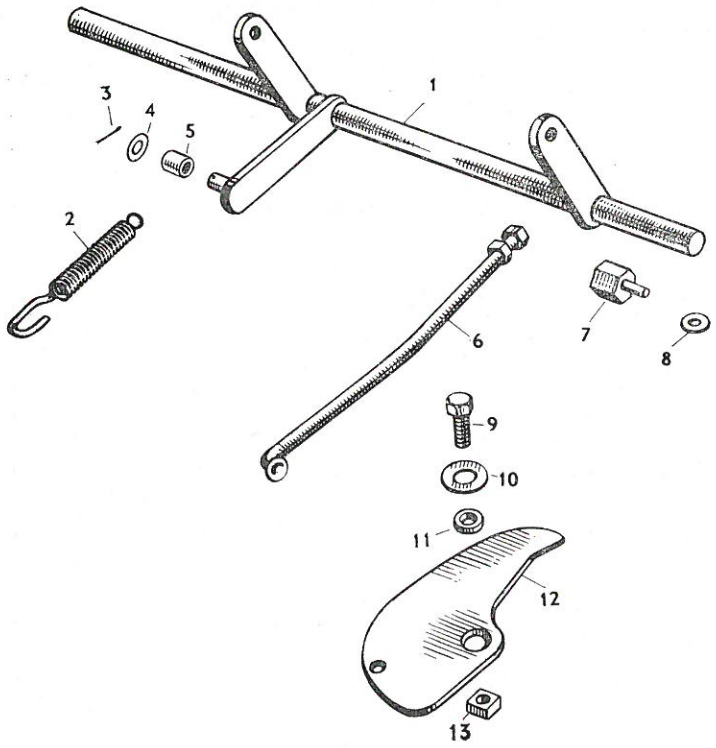
KNOTTER TRIP

Ref No.	Part No.	Description	No. Off	Remarks
1.	910324	$\frac{3}{8}$" U.N.C. Hex Nut	1	
2.	913544	$\frac{3}{8}$" Washer	1	
3.	538613	Cam Follower Distance Washer	1	
4.	538741	Cam Follower Bearing 35 x 15 x 11 m.m.	1	
5.	538615	Pivot Lever Spring	1	
6.	538641	Cam Follower Pivot Lever	1	
7.	7008313	$\frac{1}{4}$" U.N.F. Std Grease Nipple	1	
8.	538612	Cam Follower Pivot Pin	1	
	7008314	$\frac{1}{8}$" A.S.P. Grease Nipple, Short Reach	1	
9.	7003930	Star Wheel Trip Lever	1	
10.	538611	Bale Length Adj. Stop	1	
11.	910323	$\frac{5}{16}$" U.N.C. Full Hex Nut	1	
12.	914392	$\frac{5}{16}$" x 1" U.N.C. Set Bolt	1	
13.	910325	$\frac{1}{2}$" U.N.C. Hex Nut	1	
14.	904208	$\frac{1}{2}$" Spring Washer	1	
15.	538620	Guide Washer	2	
16.	538619	Friction Roller	1	
17.	538618	Distance Tube	1	
18.	538576	Bush	1	
19.	538998	Star Wheel Bracket	1	
20.	913267	1" Washer	1	
21.	538617	Star Wheel	1	

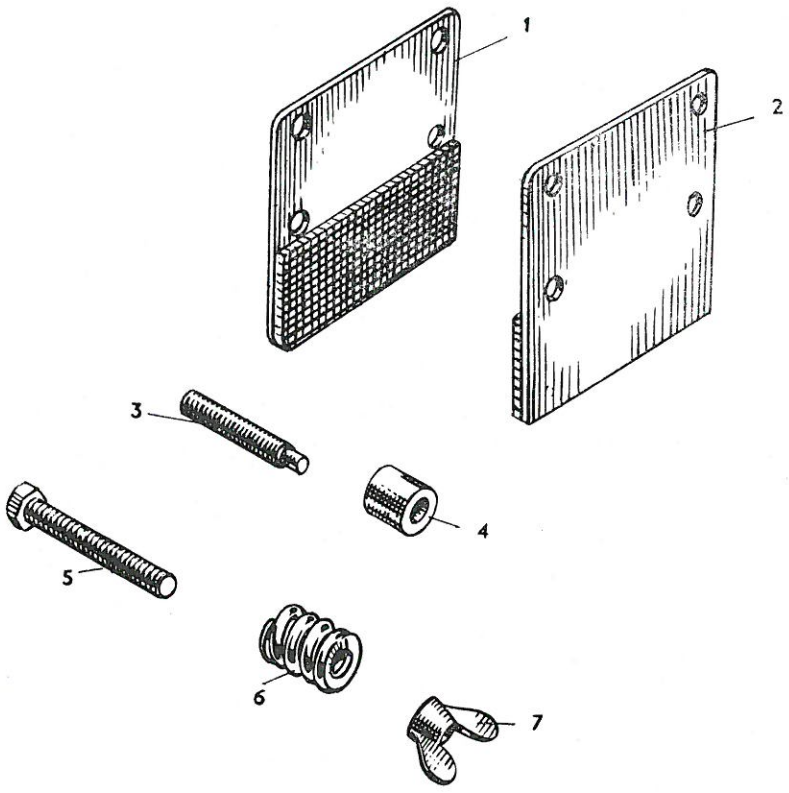
ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES



TWINE FINGERS

Ref. No.	Part No.	Description	No. Off	Remarks
1.	7007614	Operating Lever, Twine Finger	1	
	900806	$\frac{1}{8}$" x 1" Split Pin	2	
	911406	$\frac{3}{4}$" Washer	2	
2.	538622	Return Spring	1	
3.	900805	$\frac{1}{8}$" x $\frac{3}{4}$" Split Pin	1	
4.	912333	$\frac{1}{2}$" Washer	1	
5.	538623	Cam Roller	1	
6.	538624	Pivot Pin	2	
	910323	$\frac{5}{16}$" U.N.C. Hex Nut	4	
7.	538625	Trunnion	2	
8.	904204	$\frac{1}{4}$" Washer	2	
	904110	$\frac{3}{32}$" x $\frac{1}{2}$" Split Pin	2	
9.	921628	$\frac{3}{8}$" x 1" U.N.C. Screw	2	
10.	913544	$\frac{3}{8}$" Washer	2	
11.	538627	Spacer	2	
12.	538626	Twine Fingers	2	
13.	910306	$\frac{3}{8}$" U.N.C. Square Nut	2	

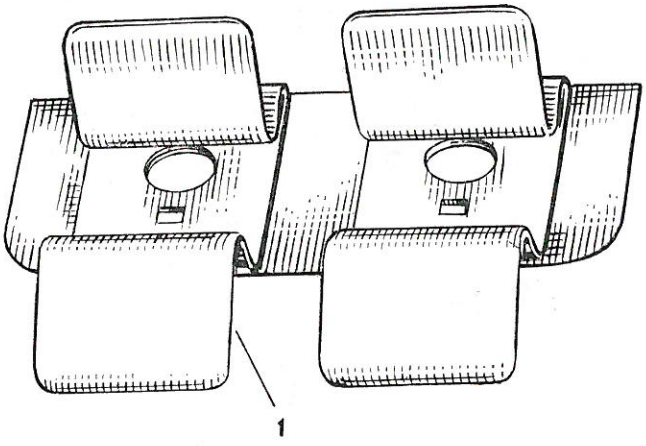
ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES



KNOTTER BRAKE

Ref. No.	*Part No.*	*Description*	*No. Off*	*Remarks*
1.	538628	Knotter Brake Plate Inner	1	
2.	538629	Knotter Brake Plate Outer	1	
3.	538632	Knotter Brake Stud	2	
4.	538630	Knotter Brake Stud Spacer	2	
5.	911264	$\frac{3}{8}$" x 2$\frac{1}{2}$" Hex Set Bolt	2	
6.	538728	Spring	2	
7.	915017	$\frac{3}{8}$" U.N.C. Wing Nut	2	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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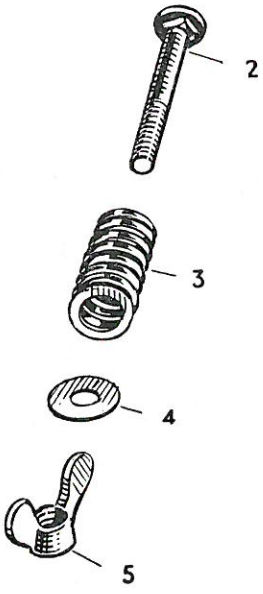
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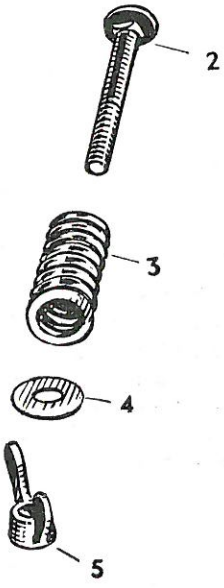
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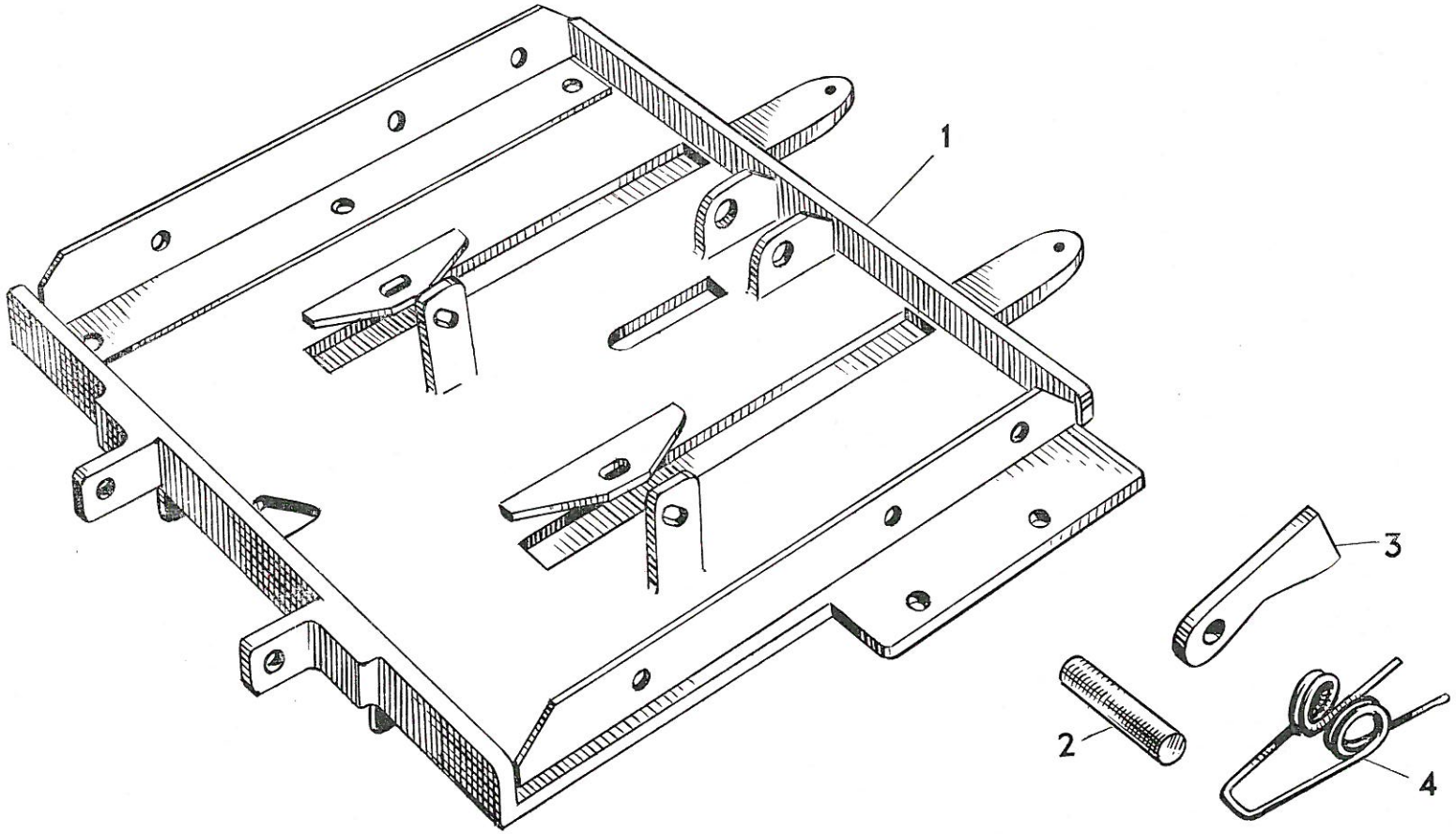
TWINE TENSIONER

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004231	Twine Tensioner	1	
	7007904	$\frac{1}{4}$" x $\frac{3}{4}$" U.N.C. Mush HD Screw	4	
	910880	$\frac{1}{4}$" U.N.C. Nut	4	
	904204	$\frac{1}{4}$" Spring Washer	4	
2.	914368	$\frac{1}{4}$" x 1$\frac{3}{4}$" U.N.C. Carriage Bolt	2	
3.	538636	Spring	2	
4.	913168	$\frac{1}{4}$" Washer	2	
5.	916952	$\frac{1}{4}$" U.N.C. Wing Nut	2	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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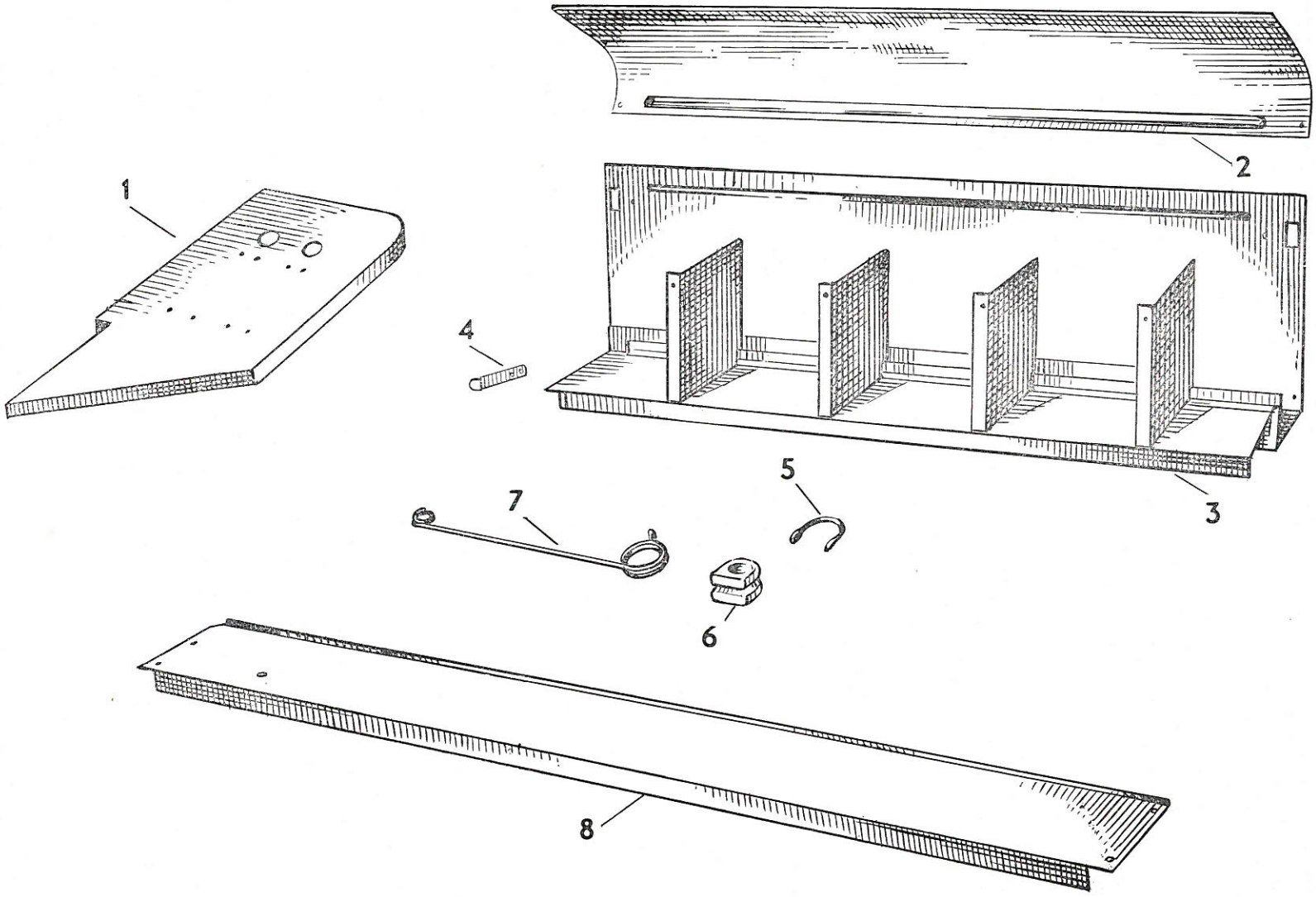
BREAST PLATE

Ref No.	*Part No.*	*Description*	*No. Off*	*Remarks*
1.	7003915	Breast Plate	1	
	7007696	½″ x 1½″ Special Bolt	2	
	7007850	½″ x 1½″ U.N.C. Mush HD Screw	4	
	916311	½″ x 1¼″ U.N.C. Hex Bolt	2	
	7007965	5/16″ x ⅜″ U.N.C. Mush HD Screw	2	
	904208	½″ Spring Washer	8	
	910325	½″ U.N.C. Nut	8	
2.	7003933	Pin	1	
	911406	¾″ Washer	2	
	900806	⅛″ x 1″ Split Pin	2	
3.	7003925	Retainer	1	
4.	538474	Spring	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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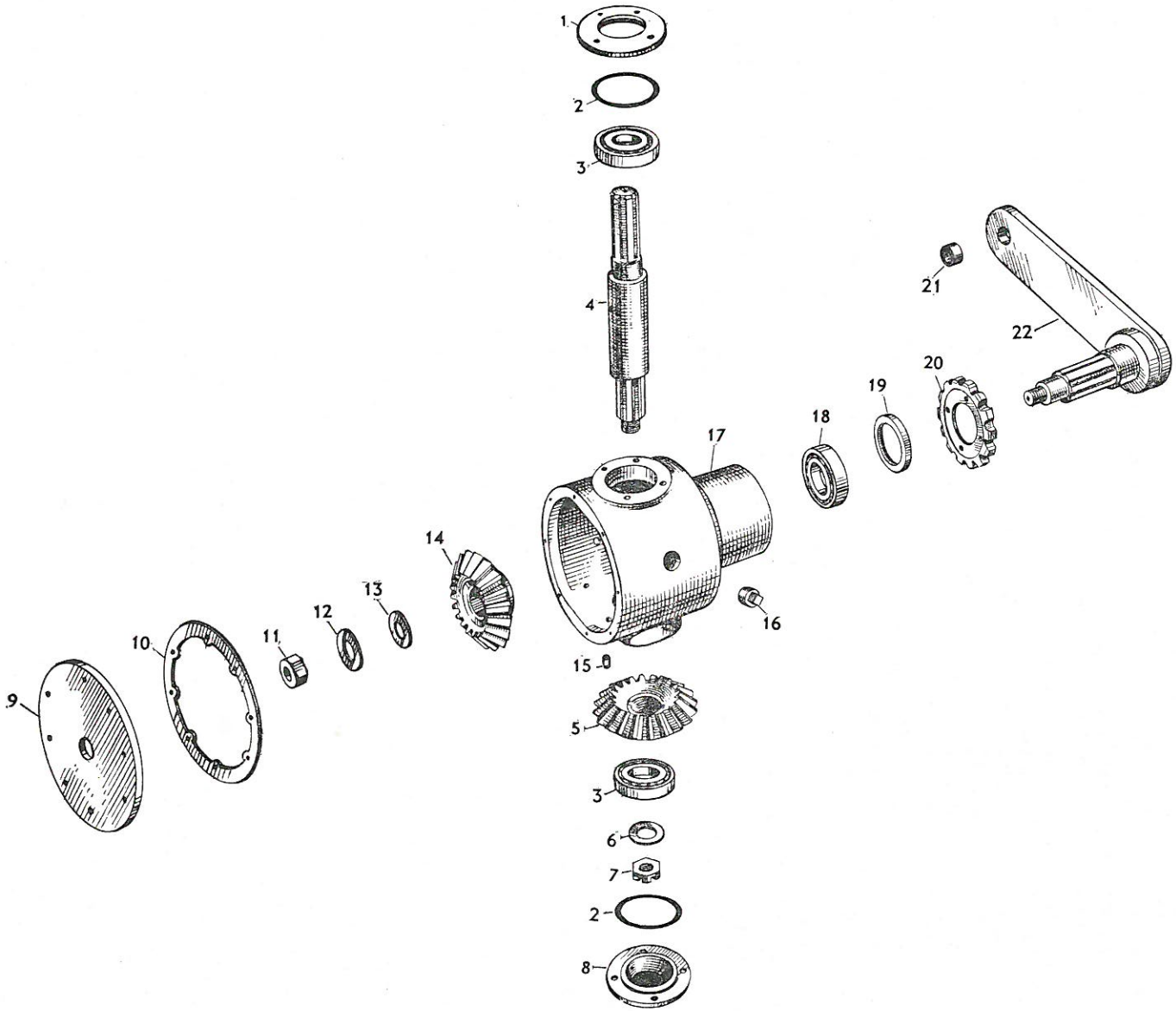
TWINE BOX

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004237	Conveyor Side L.H.	1	
	7007902	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Mush HD Screw	4	
	904204	$\frac{1}{4}$" Spring Washer	4	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	4	
2.	7004236	Twine Box Lid	1	
	7007902	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Mush HD Screw	6	
	904204	$\frac{1}{4}$" Spring Washer	6	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	6	
3.	7004235	Twine Box	1	
	7007902	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Mush HD Screw	4	
	904204	$\frac{1}{4}$" Spring Washer	4	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	4	
4.	7004217	Door Clips	2	
	7007902	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Mush HD Screw	4	
	904204	$\frac{1}{4}$" Spring Washer	4	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	4	
5.	538634	'U' Bolts	5	
	904205	$\frac{5}{16}$" Spring Washer	10	
	910323	$\frac{5}{16}$" U.N.C. Hex Nut	10	
6.	538633	Porcelain Eye	5	
	538682	Rubber	5	
7.	7002880	Spring (this item has been deleted)	2	
8.	7007731	Tool Tray	1	
	7007902	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Mush HD Screw	6	
	904204	$\frac{1}{4}$" Spring Washer	6	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	6	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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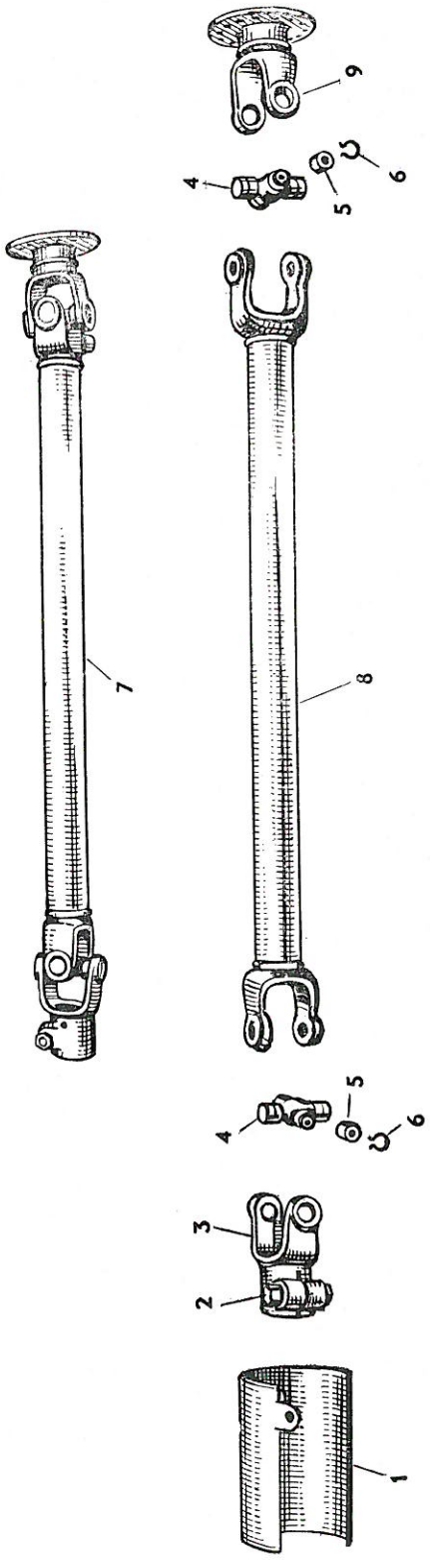
PACKER DRIVE GEARBOX

Ref No.	Part No.	Description	No. Off	Remarks
1.	7003403	Bearing Cap	1	
	916271	⅜″ x 1″ U.N.C. Hex Set Bolt	4	
	904206	⅜″ Spring Washer	4	
2.	7003375	Shim .005″	A.R.	
	7003376	Shim .010″	A.R.	
	7003377	Shim .002″	A.R.	
3.	539114	Cone	2	
	538987	Cup	2	
4.	7003396	Shaft, packer drive	1	
5.	7003399	Bevel Gear	1	
6.	7003382	Washer	1	
7.	911174	1″ U.N.F. Hex Slotted Nut	1	
	900808	⅛″ x 1½″ Split Pin	1	
8.	7003369	Bearing Cap	1	Prior to Serial No. 413378
	538671	Bearing Cap	1	Machine Serial No. 413378 and up
	7003393	Gasket, Bearing Cap	1	
9.	7003370	Cover Plate	1	
	916284	¼″ x ½″ U.N.C. Hex Set Bolt	8	
	904204	¼″ Spring Washer	8	
10.	7003372	Gasket	1	
11.	911174	1″ U.N.F. Hex Lock Nut	1	
12.	538668	Tap Washer	1	
13.	538670	Washer	1	
14.	7003398	Bevel Gear	1	
15.	7008339	¼″ N.P.S. Drain and Level Plug	2	
16.	7008341	¾″ N.P.S. Filler Plug	1	
17.	7003386	Gearbox Housing	1	
18.	7008139	Bearing	2	
	7003389	Shim .002″	A.R.	
	7003390	Shim .005″	A.R.	
	7003391	Shim .010″	A.R.	
	7003392	Shim .025″	A.R.	
	7003387	Shim .050″	A.R.	
	7003388	Shim .020″	A.R.	
19.	7008543	Oil Seal	1	
20.	7003409	Sprocket	1	
21.	7003207	Bush	1	
22.	7009242	Drive Crank	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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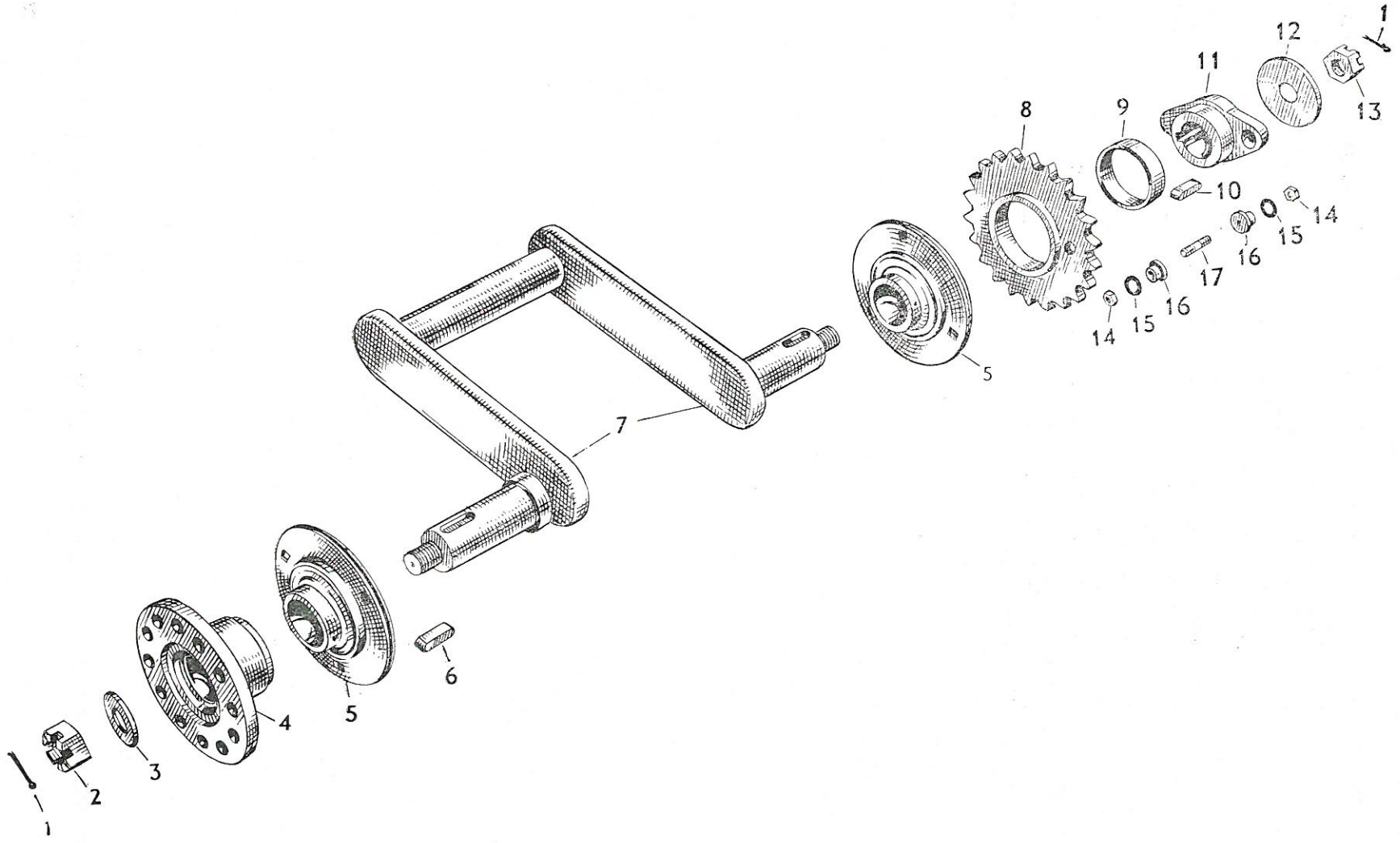
PACKER DRIVE SHAFT

Ref No.	Part No	Description	No. Off	Remarks
1.	7003411	Guard	1	
2.	916316	½" x 2½" U.N.C. Hex Bolt	1	
	904208	½" Spring Washer	1	
	910325	½" U.N.C. Hex Nut	1	
3.	7003404	End Yoke	1	
4.	7003363	Journal Assembly	2	
5.		Cup Bearing	8	
6.		Circlip	8	
7.	7003362	Packer Drive Shaft Assembly	1	
8.	7003405	Tube	1	
9.	7003406	Flange and Yoke	1	
	915987	½" x 1½" U.N.C. Hex Bolt	3	
	910325	½" U.N.C. Hex Nut	3	
	910510	½" U.N.C. Hex Lock Nut	3	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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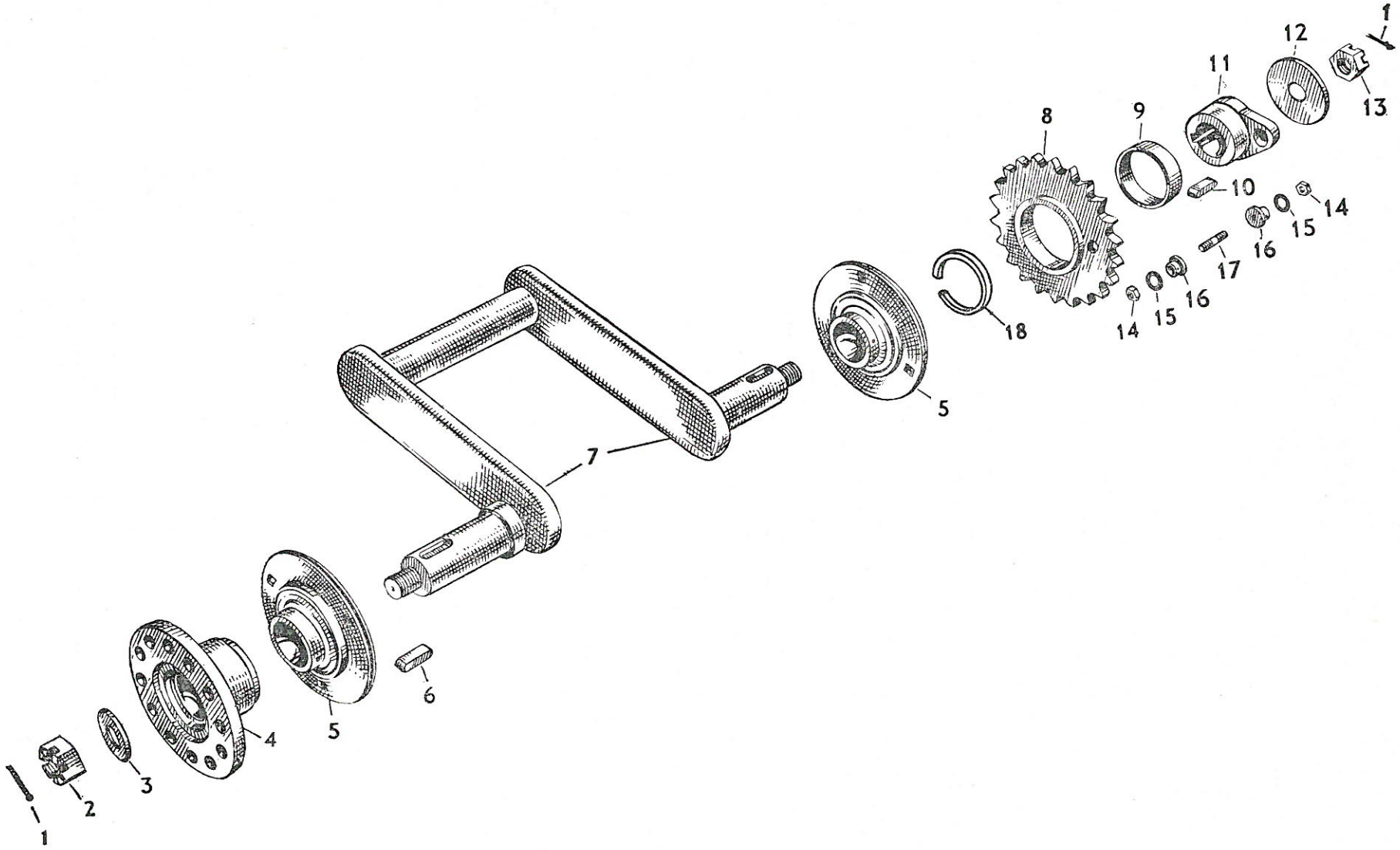
INNER FEEDER HEAD CRANK

(Prior to Serial No. 413744)

Ref No.	Part No.	Description	No. Off	Remarks
1.	900807	$\frac{1}{8}$" x $1\frac{1}{4}$" Split Pin	2	
2.	912331	Nut	1	
3.	7007910	Washer	1	
4.	7003596	Flange	1	
5.	538681	Bearing ($1\frac{3}{8}$")	2	
	921965	$\frac{3}{8}$" x $\frac{3}{4}$" U.N.C. Bolt	5	
	916271	$\frac{3}{8}$" x 1" U.N.C. Bolt	1	
	904206	$\frac{3}{8}$" Spring Washer	6	
	910324	$\frac{3}{8}$" U.N.C. Nut	6	
6.	910344	Key	2	
7.	538683	Crank (L.H. Inner)	2	
8.	538687	Sprocket	1	
9.	538685	Bush	1	
10.	910343	Key	1	
11.	538684	Flange	1	
12.	538500	Washer	1	
13.	7008054	Nut	1	
14.	914321	$\frac{5}{16}$" U.N.C. Lock Nut	2	
15.	538541	Shim .015"	A.R.	
	538639	Shim .005"	A.R.	
16.	7003709	Shear Bush	2	
17.	7010642	Shear Pin	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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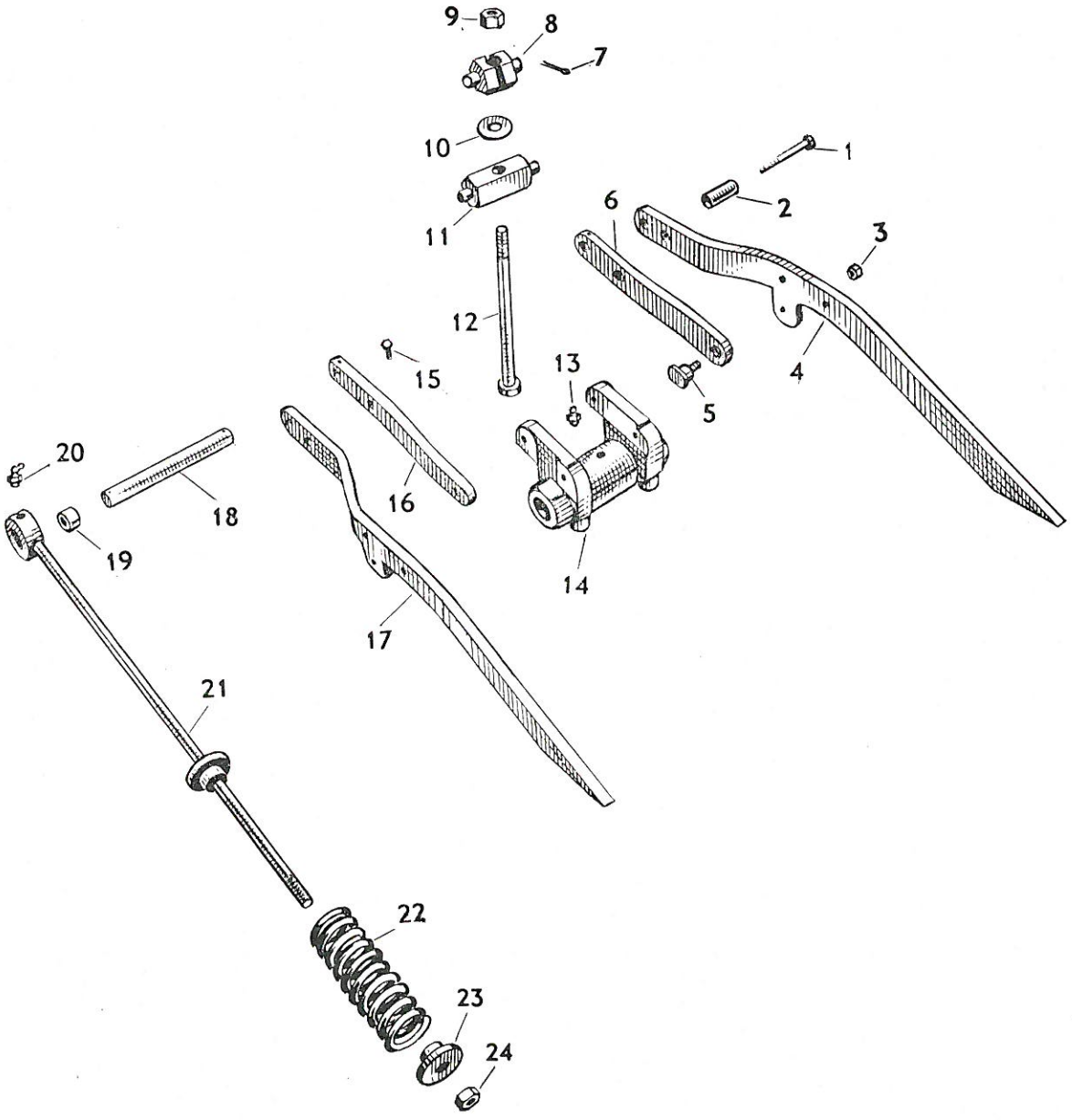
INNER FEEDER HEAD CRANK

(Serial No. 413744 and up)

Ref. No.	Part No.	Description	No. Off	Remarks
1.	900807	$\frac{1}{8}$″ x 1$\frac{1}{4}$″ Split Pin	2	
2.	912331	Nut	1	
3.	7007910	Washer	1	
4.	7003596	Flange	1	
5.	538681	Bearing (1$\frac{3}{8}$″)	2	
	921965	$\frac{3}{8}$″ x $\frac{3}{4}$″ U.N.C. Bolt	5	
	916271	$\frac{3}{8}$″ x 1″ U.N.C. Bolt	1	
	904206	$\frac{3}{8}$″ Spring Washer	6	
	910324	$\frac{3}{8}$″ U.N.C. Nut	6	
6.	910344	Key	2	
7.	538683	Crank (L.H. Inner)	2	
8.	538687	Sprocket	1	
9.	538685	Bush	1	
10.	910343	Key	1	
11.	7007797	Flange	1	
12.	538500	Washer	1	
13.	7008054	Nut	1	
14.	914321	$\frac{5}{16}$″ U.N.C. Lock Nut	2	
15.	538541	Shim .015″	A.R.	
	538639	Shim .005″	A.R.	
16.	7003709	Shear Bush	2	
17.	7010642	Shear Pin	1	
18.	7007953	Circlip	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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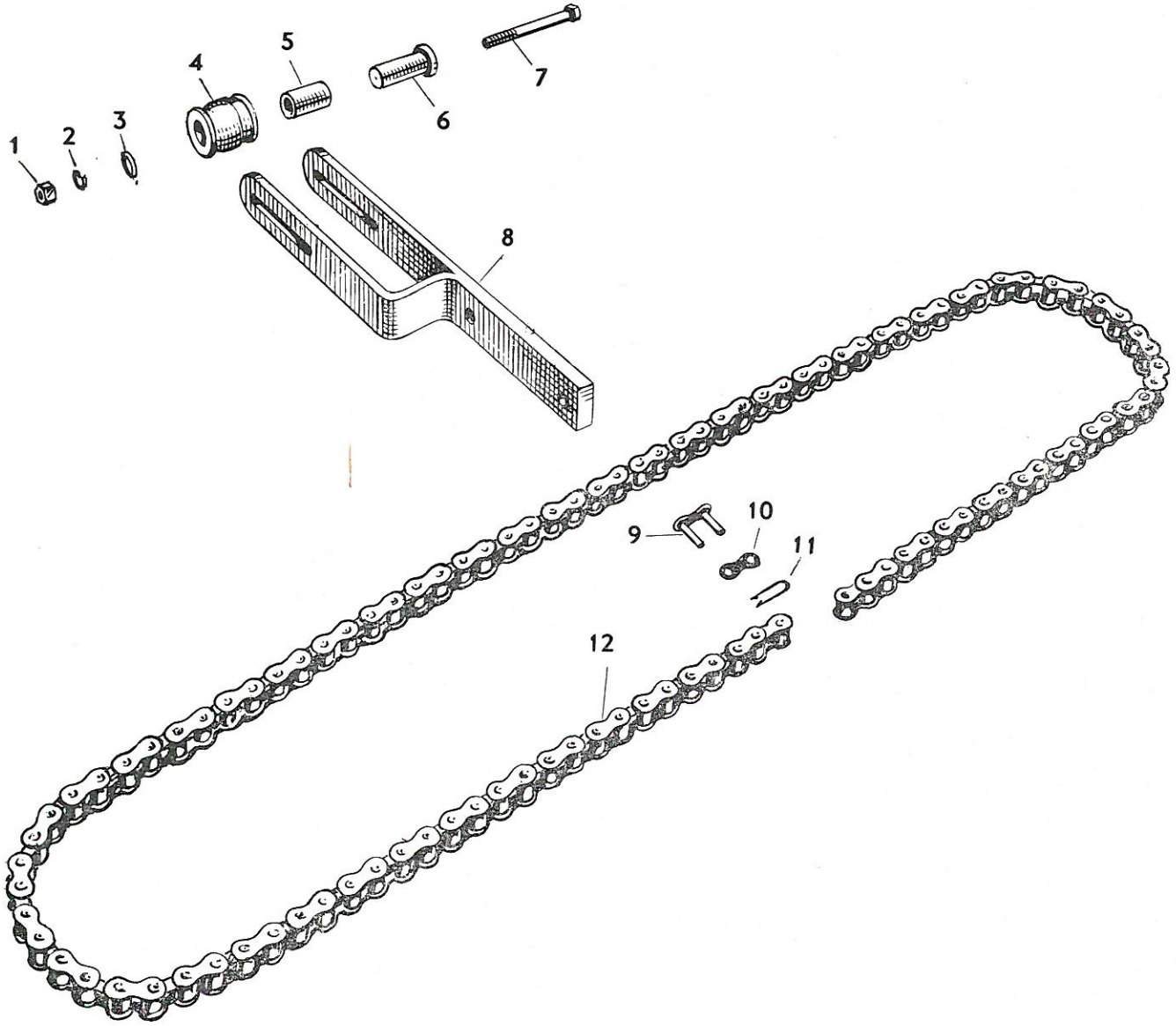
INNER FEEDER HEAD

Ref No.	Part N .	Description	No. Off	Remarks
1.	919227	⅜″ x 3¼″ U.N.C. Hex Bolt	1	
2.	7003654	Spacing Tube	1	
3.	912772	⅜″ U.N.C. Hex Nut	2	
4.	7003643	Packer Finger Rear	1	
	916273	⅜″ x 1¾″ U.N.C. Hex Bolt	2	
	904206	⅜″ Spring Washer	2	
	910324	⅜″ U.N.C. Hex Nut	2	
5.	7003740	Spacer	2	
	914900	⅜″ Washer	2	
		⅜″ x 1¼″ U.N.C. Hex Bolt	2	
6.	7003653	Link Bar Rear	1	
7.	900813	Shear Pin	1	
8.	7003649	Shear Block	1	
9.	910511	⅝″ U.N.C. Hex Nut	2	
10.	915874	Shim (.031″)	A.R.	
11.	538692	Shear Block	1	
12.	7003737	Shear Pin Rod	1	
13.	7008315	Grease Nipple	1	
14.	538691	Bearing	1	
	915724	⅜″ x 1¾″ U.N.C. Hex Bolt	4	
	904206	⅜″ Spring Washer	4	
15.	915406	¼″ x ¾″ U.N.C. Hex Bolt	2	
16.	7003651	Link Bar Front	1	
17.	7003644	Packer Finger Front	1	
	916273	⅜″ x 1¾″ U.N.C. Hex Bolt	2	
	904206	⅜″ Spring Washer	2	
	910324	⅜″ U.N.C. Hex Nut	2	
18.	7003615	Pivot Pin	1	
19.	7007715	Bush	2	
20.	7008317	Grease Nipple	2	
21.	7003637	Connecting Rod	2	
22.	538480	Spring	2	
23.	7003608	Collar	2	
24.	910325	½″ U.N.C. Hex Nut	2	
	910510	½″ U.N.C. Lock Nut	2	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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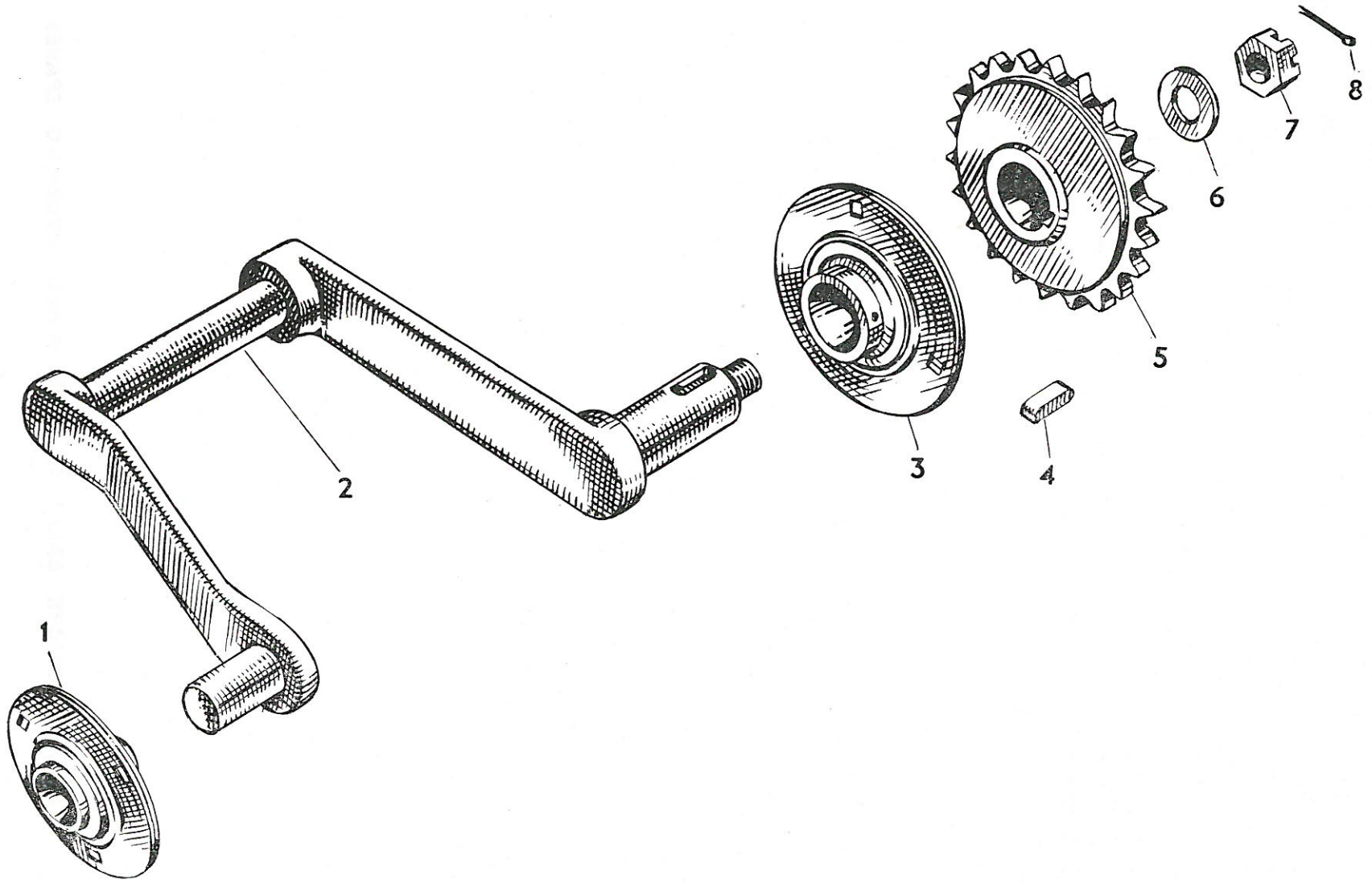
OUTER FEEDER HEAD DRIVE

Ref No.	Part No.	Description	No. Off	Remarks
1.	910324	⅜" U.N.C. Hex Nut	1	
2.	904206	⅜" Spring Washer	1	
3.	911428	⅜" Washer	2	
4.	538677	Tension Roller	1	
5.	538678	Bush	1	
6.	538503	Distance Piece	1	
7.	919227	⅜" x 3 ¼" U.N.C. Hex Bolt	1	
8.	7003732	Arm Front	1	
	7003733	Arm–Rear	1	
9.				
10.	7007743	Connecting Link	1	
11.				
12.	7007972	Chain	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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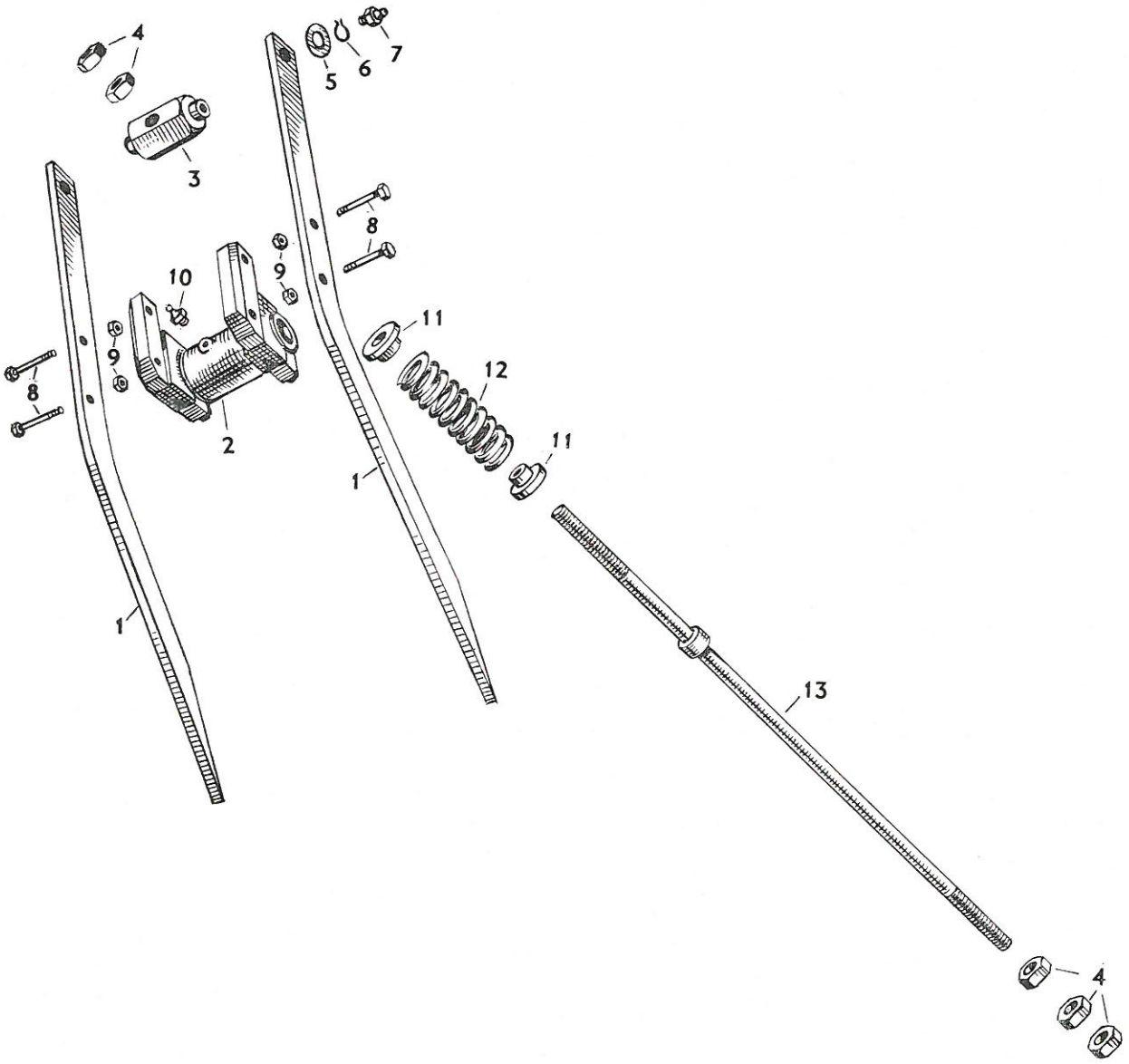
OUTER FEEDER HEAD CRANK

Ref No.	Part No.	Description	No. Off	Remarks
1.	538713	Bearing (1″ Bore)	1	
	915809	$\frac{5}{16}$″ x $\frac{3}{4}$″ U.N.C. Bolt	3	
	904205	$\frac{5}{16}$″ Spring Washer	3	
	910323	$\frac{5}{16}$″ U.N.C. Nut	3	
2.	538707	Feeder Head Crank (R/H outer)	1	
3.	538681	Bearing (1$\frac{3}{8}$″ Bore)	1	
	915408	$\frac{3}{8}$″ x $\frac{3}{4}$″ U.N.C. Bolt	3	
	904206	$\frac{3}{8}$″ Spring Washer	3	
	910324	$\frac{3}{8}$″ U.N.C. Nut	3	
4.	910343	Key	1	
5.	538710	Sprocket	1	
6.	7007910	Washer	1	
7.	7008054	Nut	1	
8.	900807	$\frac{1}{8}$″ x 1$\frac{1}{4}$″ Split Pin	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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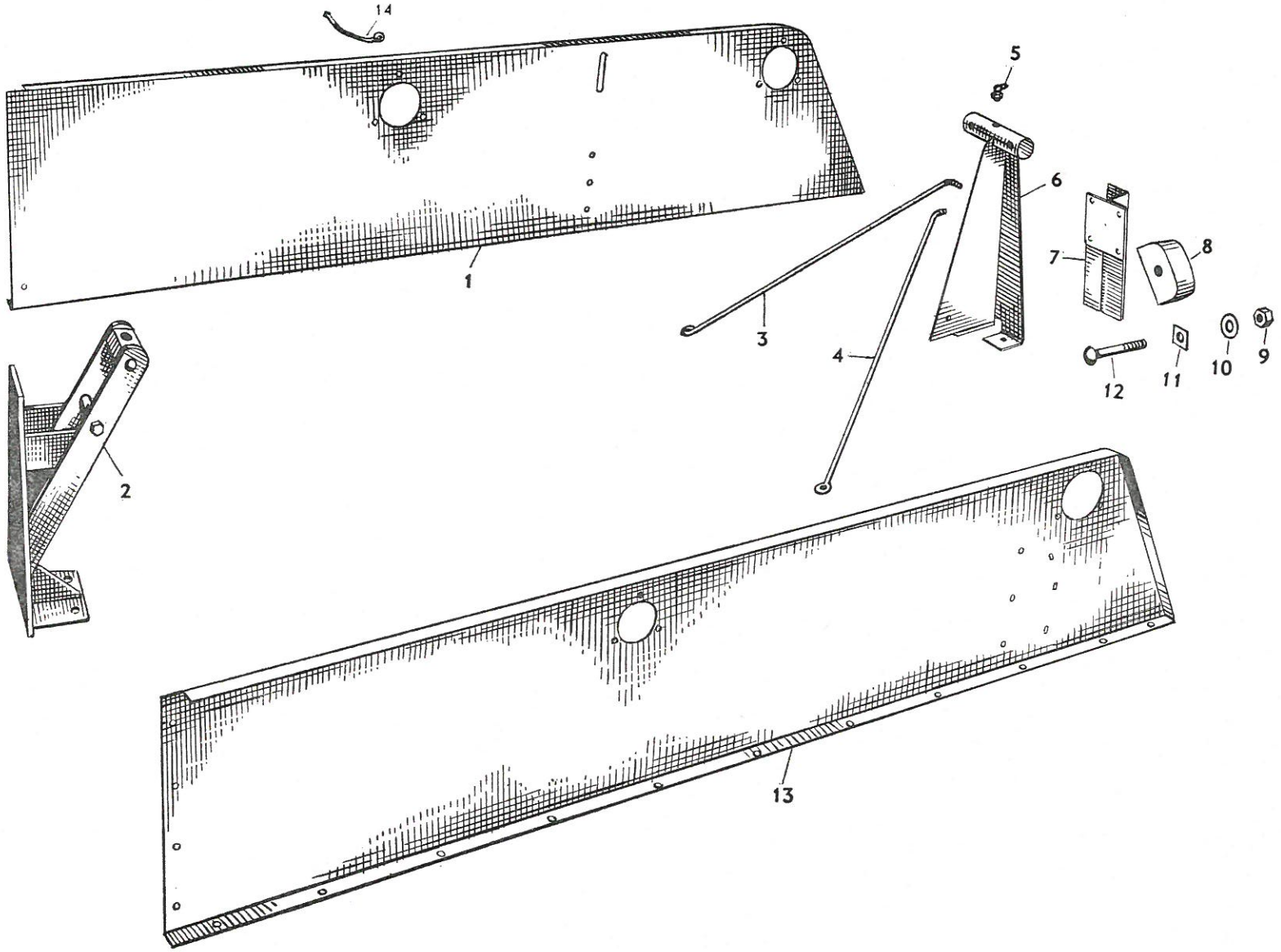
OUTER FEEDER HEAD

Ref No.	Part No.	Description	No. Off	Remarks
1.	7008052	Packer Finger	2	
2.	538709	Bearing Bracket	1	
	915724	$\frac{3}{8}$″ x $1\frac{3}{4}$″ U.N.C. HD Bolt	4	
	904206	$\frac{3}{8}$″ Spring Washer	4	
3.	7003719	Pivot Block	1	
4.	910847	$\frac{3}{4}$″ U.N.C. Hex Nut	5	
5.	911406	$\frac{3}{4}$″ Washer	2	
6.	7008841	$\frac{3}{4}$″ Circlip	2	
7.	7008315	Grease Nipple	1	
8.	916273	$\frac{3}{8}$″ x $1\frac{3}{4}$″ U.N.C. Hex Bolt	3	
	7007848	$\frac{3}{8}$″ x $1\frac{3}{4}$″ U.N.C. Mush Bolt	1	
	904206	$\frac{3}{8}$″ Spring Washer	4	
9.	910324	$\frac{3}{8}$″ U.N.C. Hex Nut	4	
10.	7008315	Grease Nipple	1	
11.	538479	Collar	2	
12.	7008853	Spring	1	
13.	7003715	Connecting Rod	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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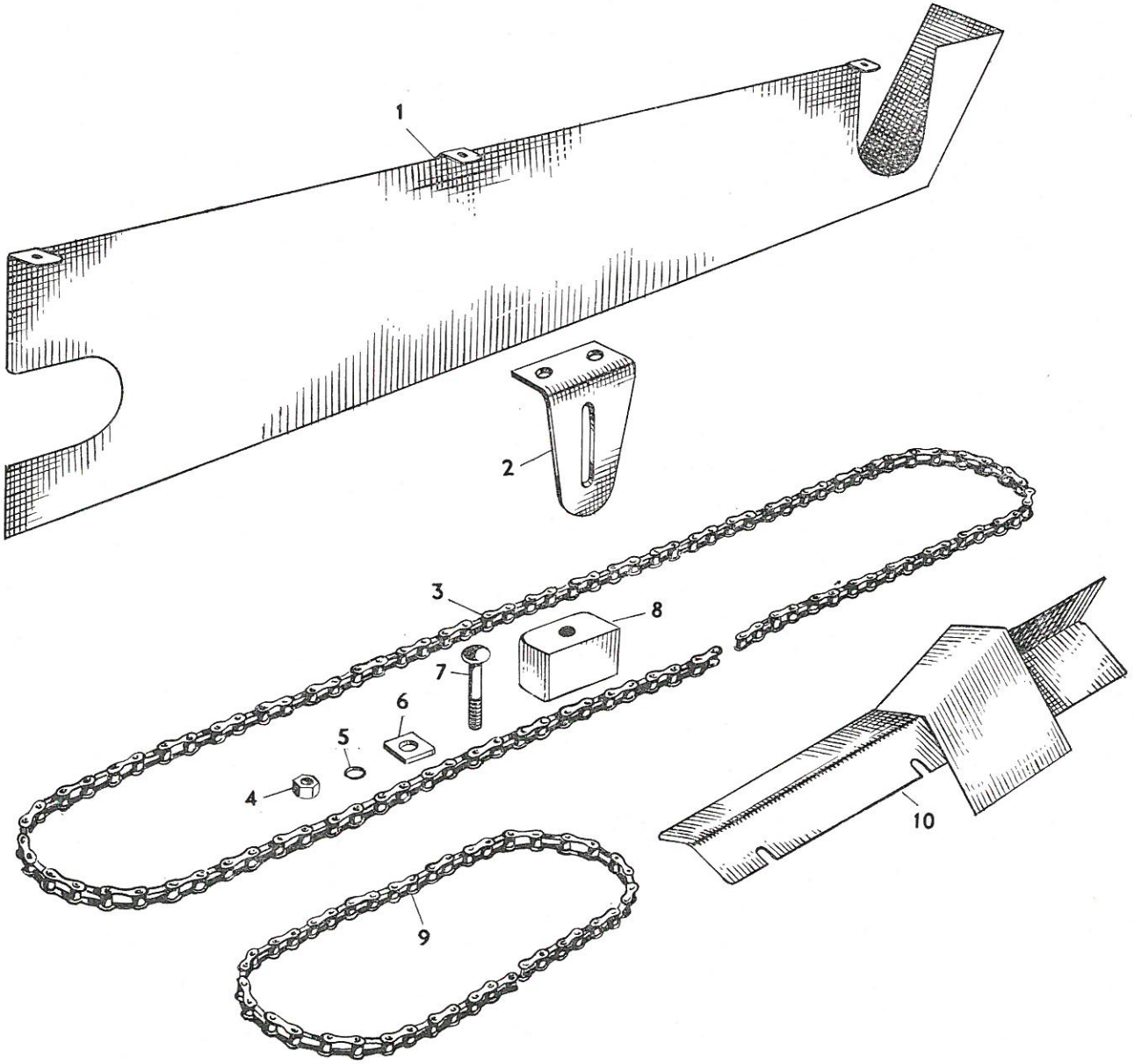
PACKER & SUPPORT SHIELD

Ref No.	Part No.	Description	No. Off	Remarks
1.	7003734	Support Plate Rear	1	
2.	7003720	Pivot Bracket	1	
3.	7003628	Feeder Head Stay (Short)	1	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	2	
	912772	$\frac{3}{8}$" U.N.C. Hex Lock Nut	2	
4.	7003626	Feeder Head Stay (Long)	1	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	2	
	912772	$\frac{3}{8}$" U.N.C. Hex Lock Nut	2	
5.	7008317	Grease Nipple	1	
6.	7003629	Anchor Bracket	1	
7.		This item is part of Chamber side 7003024.		
8.	7005356	Jockey Block	2	
9.	910325	$\frac{1}{2}$" U.N.C. Hex Nut	2	
10.	904208	$\frac{1}{2}$" Spring Washer	2	
11.	534815	Washer	2	
12.	916319	$\frac{1}{2}$" x $3\frac{1}{2}$" U.N.C. Hex Bolt	2	
13.	7003735	Support Plate (Front)	1	
14.	7003731	Stay	1	
15.	910324	$\frac{3}{8}$" U.N.C. Hex Nut	2	
	7003726	Packer Shield (Front)	1	Not Illustrated
	7003727	Packer Shield (Centre)	1	Not Illustrated
	7003725	Packer Shield (Rear)	1	Not Illustrated

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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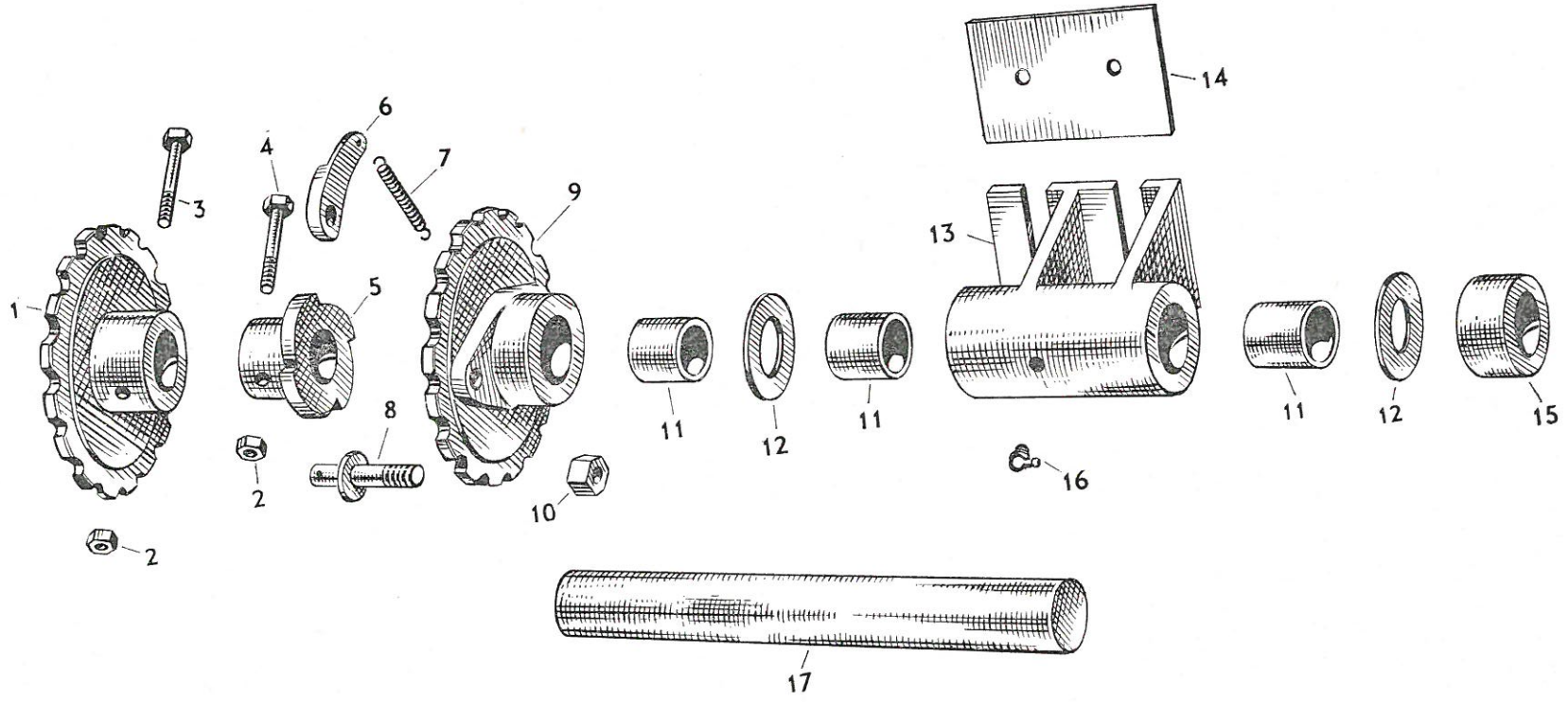
INTERMEDIATE ROTOR DRIVE

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004380	Guard	1	
2.	7004385	Tension Bracket	1	
3.	7004388	Chain	1	
4.	910325	½" U.N.C. Hex Nut	1	
5.	904208	½" Spring Washer	1	
6.	534815	Washer	1	
7.	915060	½" x 2¾" U.N.C. Carriage Bolt	1	
8.	538643	Jockey Block	1	
9.	7004389	Chain	1	
10.	7004383	Guard	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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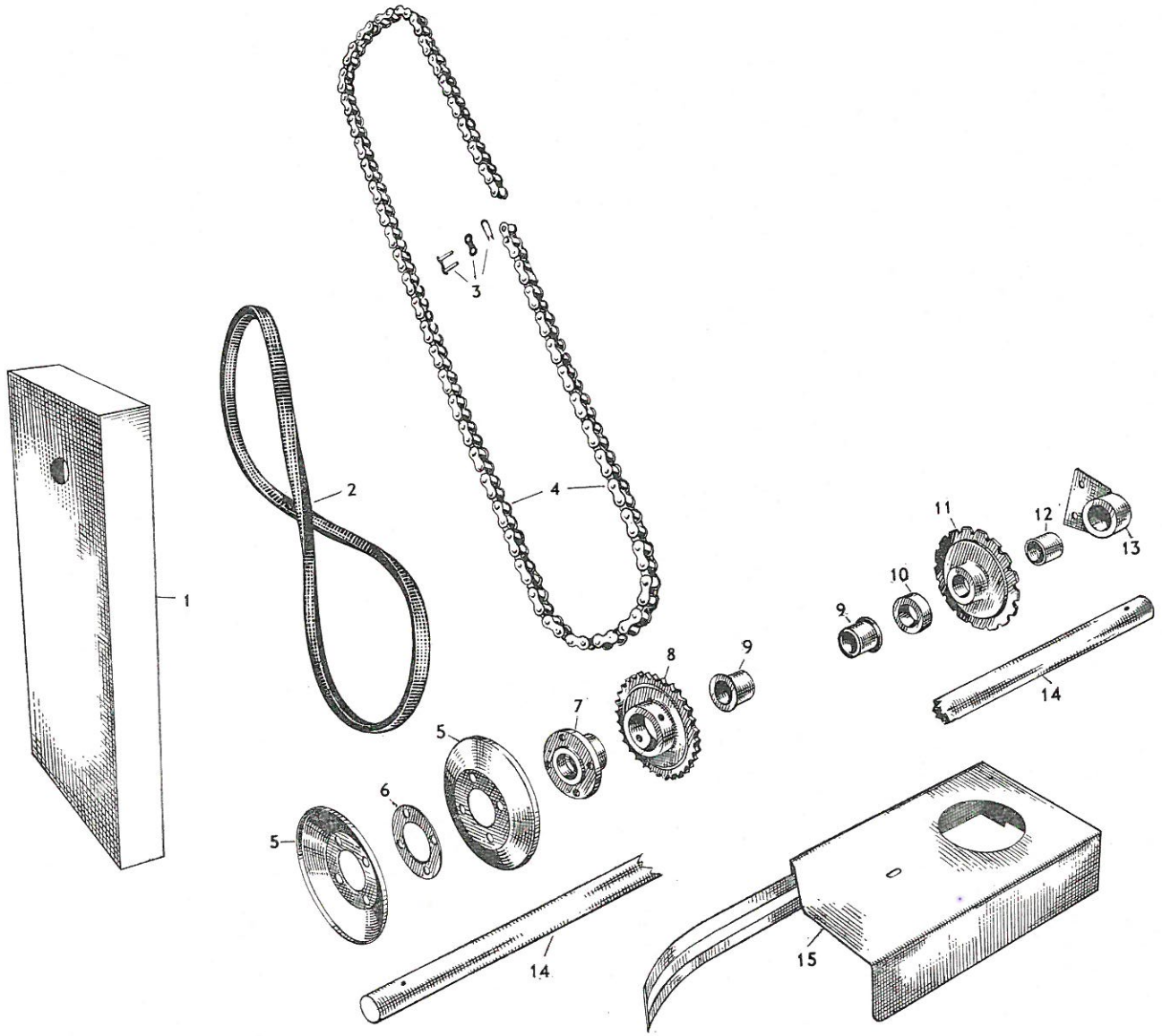
ANTI-REVERSE ROTOR DRIVE

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004387	Sprocket	1	
2.	910323	$\frac{5}{16}$" U.N.C. Hex Nut	2	
	904205	$\frac{5}{16}$" Spring Washer	2	
3.	913599	$\frac{5}{16}$" x $2\frac{1}{2}$" U.N.C. Hex Bolt	1	
4.	913730	$\frac{5}{16}$" x $2\frac{1}{4}$" U.N.C. Hex Bolt	1	
5.	7004377	Drive Dog	1	
6.	7004336	Pawl	1	
7.	7008811	Spring	1	
	900805	$\frac{1}{8}$" x 1" Split Pin	1	
8.	7004391	Pawl Pin	1	
	7004094	Washer	1	
	900802	$\frac{3}{32}$" x 1" Split Pin	1	
9.	7004390	Sprocket	1	
10.	910325	$\frac{1}{2}$" U.N.C. Hex Nut	1	
	904208	$\frac{1}{2}$" Spring Washer	1	
11.	7004109	Bush	3	
12.	7004376	Spacing Washer	2	
13.	7004374	Bearing Bracket	1	
14.	7004364	Shim .060"	A.R.	
	7004365	Shim .025"	A.R.	
	7004366	Shim .010"	A.R.	
15.	7008072	Collar	1	
16.	7008317	$\frac{1}{8}$" N.P.S. Grease Nipple	1	
17.	7004375	Shaft	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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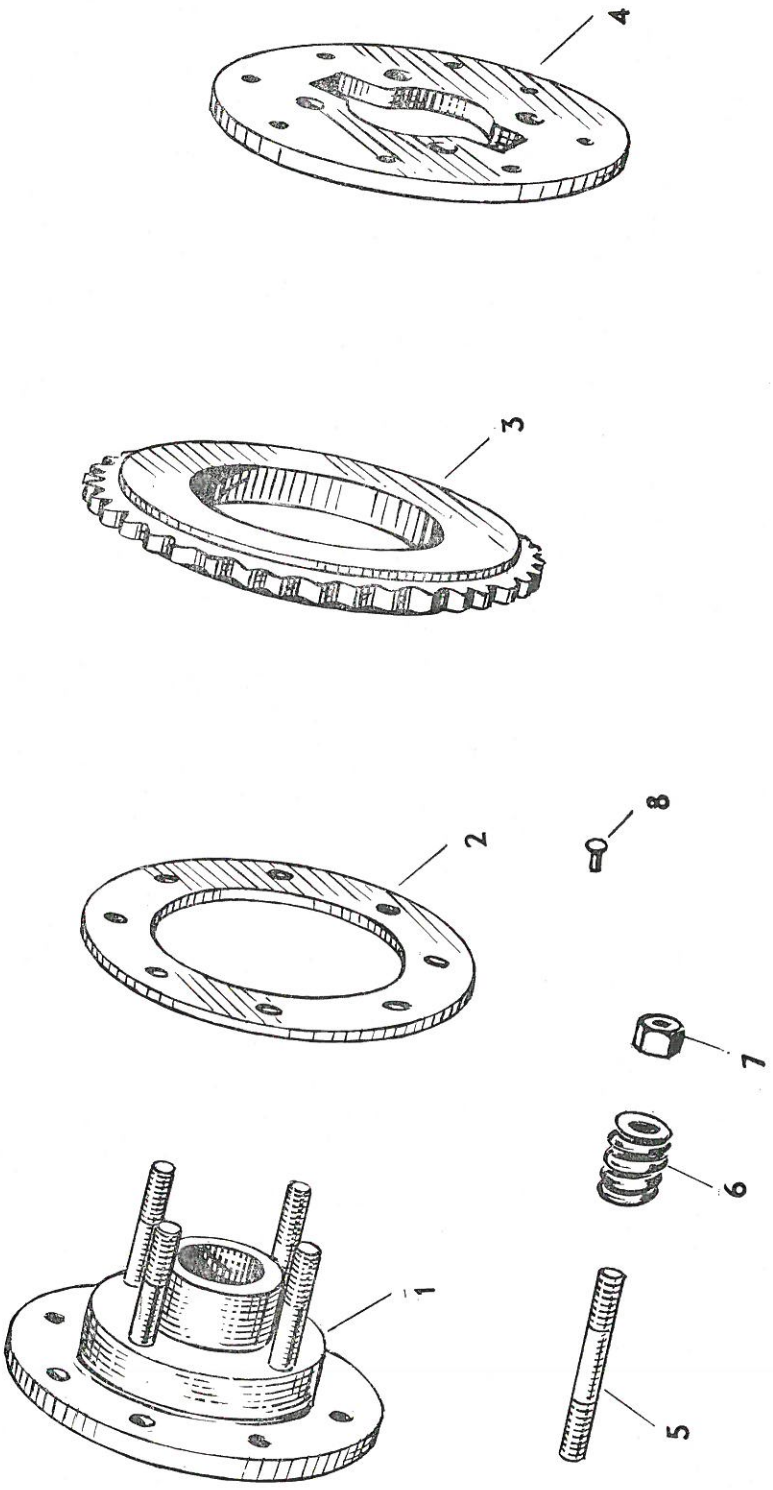
ROTOR & FEED ASSISTOR DRIVE

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004285	Guard	1	
2.	7008292	V Belt	1	
3.	7007746	Con Link	1	
4.	7004514	Chain	1	
5.	7002346	V Pulley Half	2	
6.	7004279	Spacing Washer $\frac{1}{32}$"	A.R.	
	7004280	Spacing Washer $\frac{1}{16}$"	A.R.	
	7004281	Spacing Washer $\frac{1}{8}$"	A.R.	
7.	7004209	Sprocket assy	1	
8.	538720	Sprocket	1	For machines without Feed-Assistor
	918397	$\frac{5}{16}$" x 3" U.N.C. Bolt	1	
	904205	$\frac{5}{16}$" Spring Washer	1	
	910323	$\frac{5}{16}$" U.N.C. Hex Nut	1	
9.	7004515	Bush	2	
10.	7008072	Collar	1	
11.	7004387	Sprocket	1	
12.	7004109	Bush	1	
13.	7004168	Bracket	1	
	916271	$\frac{3}{8}$" x 1" U.N.C. Hex Bolt	2	
	904206	$\frac{3}{8}$" Spring Washer	2	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	2	
14.	7004509	Rotor Drive Shaft	1	
15.	7004563	Guard	1	
	7008047	Guard	(Not illustrated)	For machines without Feed-Assistor

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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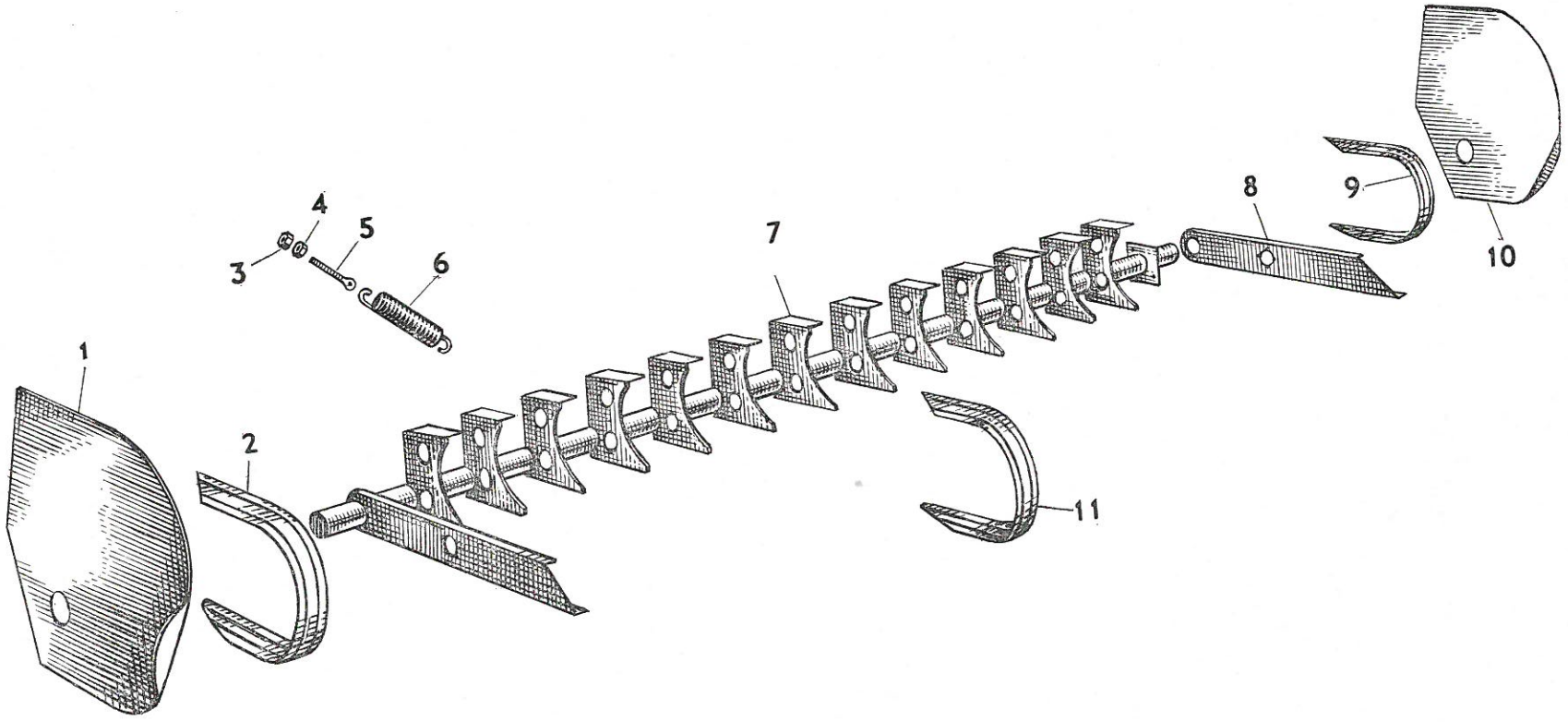
ROTOR DRIVE SLIP CLUTCH

Ref No.	Part No.	Description	No. Off	Remarks
1.	538722	Clutch Body	1	
	916274	$\frac{3}{8}$" x $2\frac{1}{2}$" U.N.C. Clutch Retaining Bolt	1	
	913544	$\frac{3}{8}$" Washer	4	
	904206	$\frac{3}{8}$" Spring Washer	1	
2.	538723	Lining	2	
3.	538726	Sprocket	1	
4.	538727	Plate	1	
5.	538724	Stud	4	
6.	538728	Springs	4	
7.	910324	$\frac{3}{8}$" U.N.C. Hex Nut	4	
8.	538725	Rivets	16	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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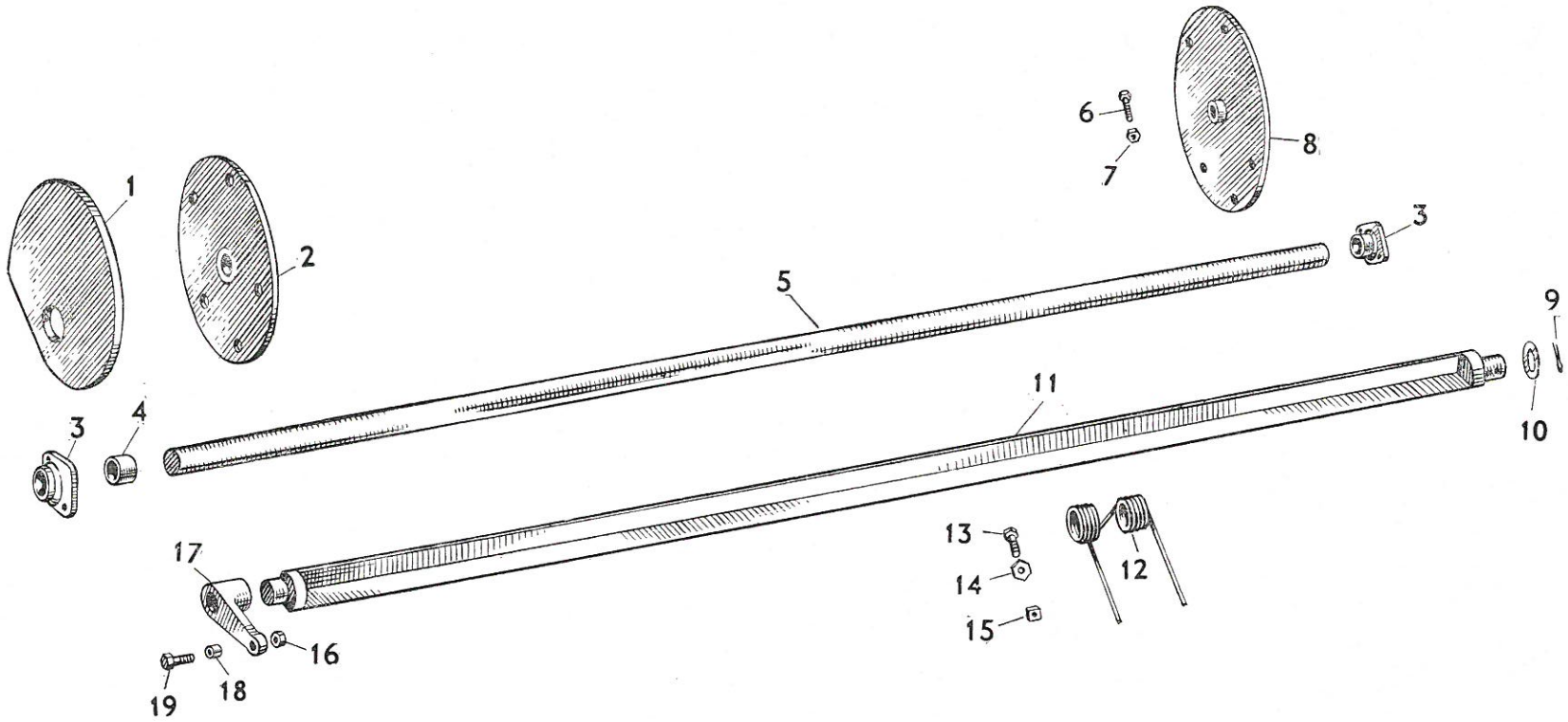
ROTOR FRAME

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004568	Rotor Side R.H.	1	
	7007824	$\frac{3}{8}$" x $\frac{3}{4}$" U.N.C. Carr. Bolt	2	
	904206	$\frac{3}{8}$" Spring Washer	2	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	2	
2.	7004529	Rotor Flash R.H.	1	
	900574	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Screw	2	
	914089	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.F. Screw	4	
	904204	$\frac{1}{4}$" Spring Washer	6	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	2	
3. 4.	904205	$\frac{1}{2}$" U.N.C. Hex Nut	4	
5.	7004172	Eye Bolt	2	
6.	7008836	Spring	2	
7.	7004488	Rotor Frame	1	
8.	7004496	Rotor Channel L.H.	1	
9.	7004532	Rotor Flash L.H.	1	
	900574	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Screw	2	
	914089	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.F. Screw	4	
	904204	$\frac{1}{4}$" Spring Washer	6	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	2	
10.	7004569	Rotor Side L.H.	1	
	7007824	$\frac{3}{8}$" x $\frac{3}{4}$" U.N.C. Carr. Bolt	2	
	904206	$\frac{3}{8}$" Spring Washer	2	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	2	
11.	538732	Rotor Flash	11	
	914089	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.F. Screw	44	
	904204	$\frac{1}{4}$" Spring Washer	44	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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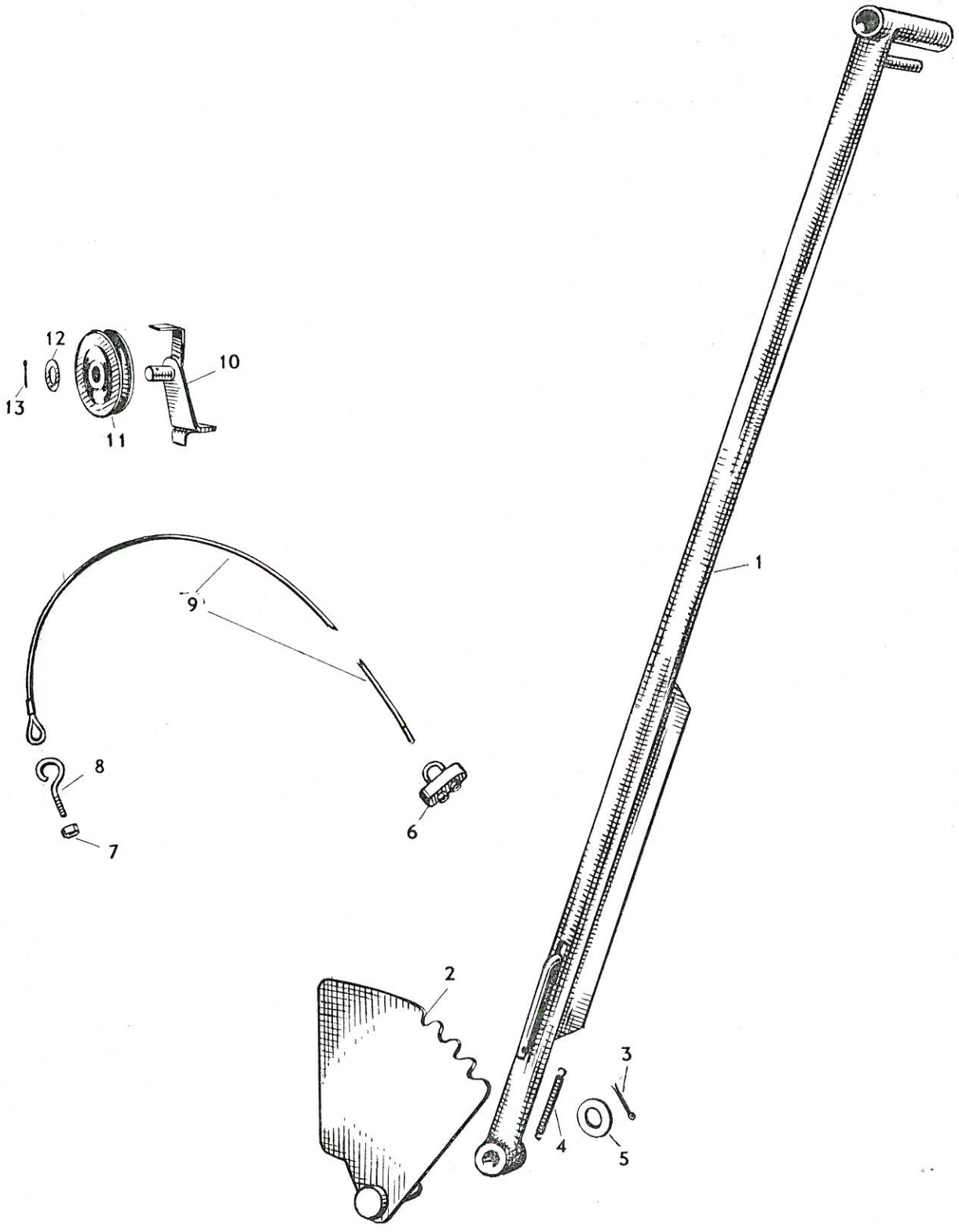
ROTOR

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004407	Rotor Cam	1	
2.	7004507	Rotor Wheel R.H.	1	
3.	7007727	Bearing	2	
	915041	$\frac{3}{8}$" x $1\frac{1}{4}$" U.N.C. Carr. Bolt	2	
	913997	$\frac{3}{8}$" x 1" U.N.C. Carr. Bolt	2	
	904206	$\frac{3}{8}$" Spring Washer	4	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	4	
4.	7004534	Spacing Collar	1	
5.	7004510	Rotor Shaft	1	
6.	916274	$\frac{3}{8}$" x $2\frac{1}{4}$" U.N.C. Hex Bolt	2	
	904206	$\frac{3}{8}$" Spring Washer	2	
7.	910324	$\frac{3}{8}$" U.N.C. Hex Nut	2	
8.	538734	Rotor Wheel L.H.	1	
9.	900812	$\frac{3}{16}$" x $1\frac{1}{4}$" Split Pin	5	
10.	7008053	Washer	5	
11.	7004512	Tine Bar	5	
12.	538742	Spring Tine	30	
13.	915038	$\frac{5}{16}$" x 1" U.N.C. Carr. Bolt	30	
14.	538743	Tine Cleat	30	
	904205	$\frac{5}{16}$" Spring Washer	30	
15.	910323	$\frac{5}{16}$" U.N.C. Hex Nut	30	
16.	910510	$\frac{1}{2}$" U.N.C. Lock Nut	5	
17.	538739	Cam Follower	5	
18.	538741	Bearing (Cam Follower)	5	
19.	538740	Pin (Cam Follower)	5	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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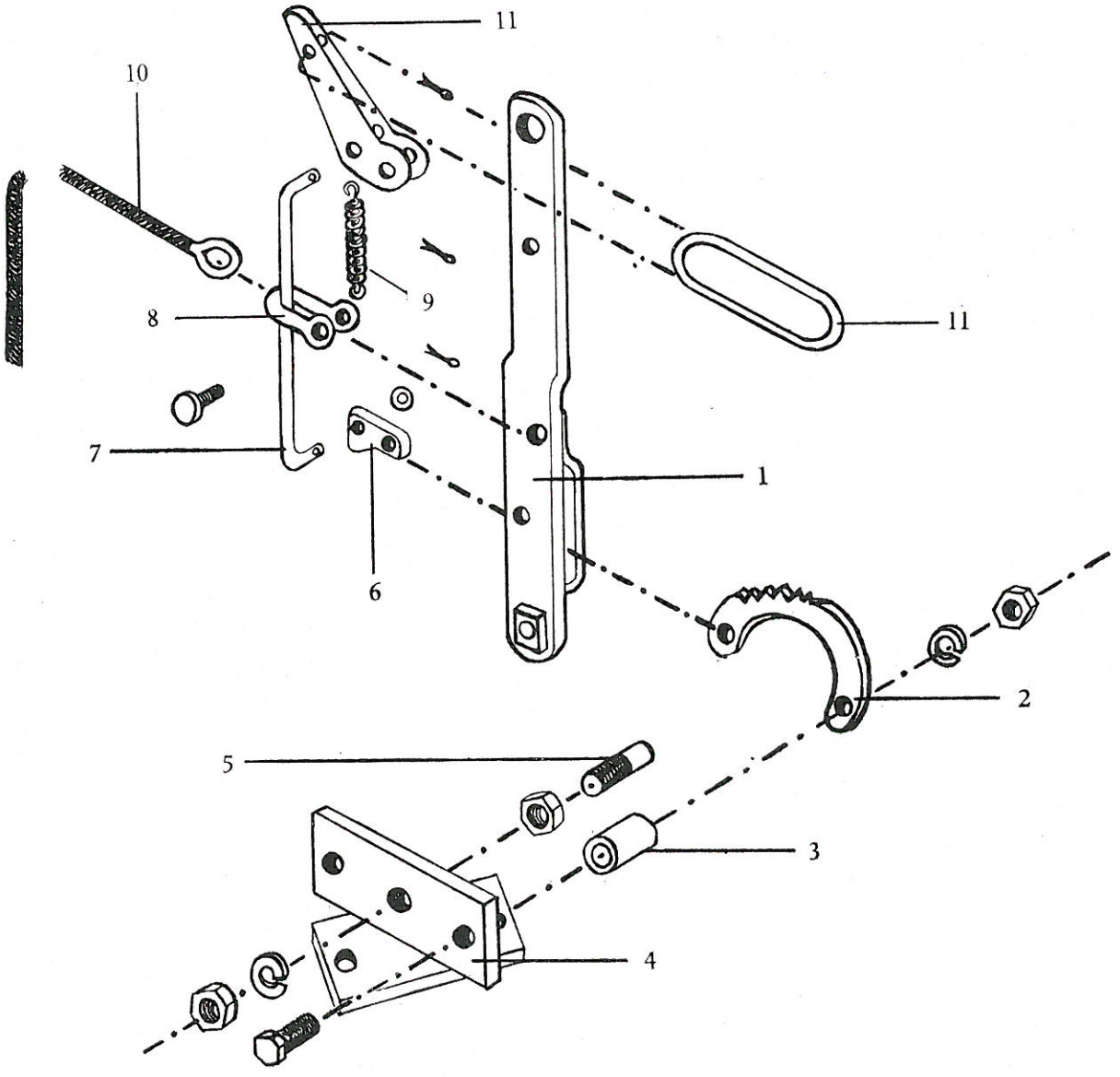
ROTOR LIFT LEVER

(Machines Prior to Serial No. 412869)

Ref No.	*Part No.*	*Description*	*No. Off*	*Remarks*
1.	7004539	Lift Lever	1	
2.	7004535	Quadrant	1	
3.	900811	$\frac{3}{16}$″ x $1\frac{3}{8}$″ Split Pin	1	
4.	7008809	Spring	1	
5.	911406	$\frac{3}{8}$″ Washer	1	
6.	7008952	Cable Clip	4	
7.	910324	$\frac{3}{8}$″ U.N.C. Hex Nut	2	
8.	7004522	Hook	1	
9.	7004551	Wire Rope	1	
10.	7004545	Bracket	1	
11.	538477	Pulley	1	
12.	911406	$\frac{3}{8}$″ Washer	1	
13.	900808	$\frac{1}{8}$″ x $1\frac{1}{2}$″ Split Pin	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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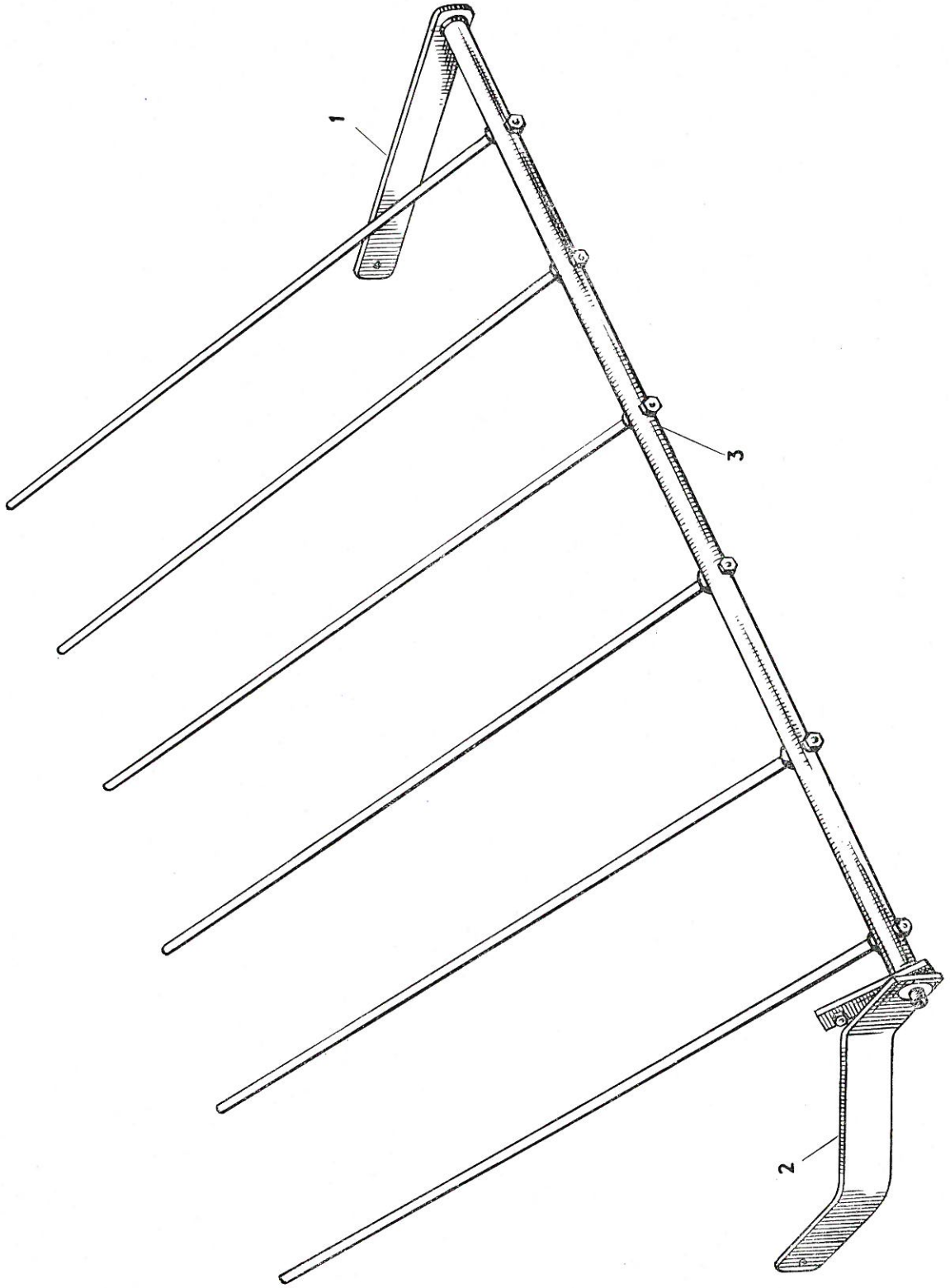
ROTOR LIFT LEVER

(Machines 412869 and up)

Ref. No.	Part No.	Description	No. Off	Remarks
1.	539017	Lever, Rotor Lift Assy.	1	
2.	539020	Ratchet	1	
3.	535553	Distance, tube	2	
	910948	Bolt, Hex. $\frac{3}{8}'' \times 2''$	2	
	904206	Spring Washer	2	
	910324	Nut	2	
4.	7004570	Bracket, Assy.	1	
5.	7007725	Pivot, Pin	1	
	910510	Nut, Lock $\frac{1}{2}''$	1	
	910325	Nut	1	
	904208	Spring, Washer	1	
6.	538753	Pawl	1	
	511490	Pin, Clevis	1	
7.	539018	Rod, Pawl Release	1	
8.	538585	' D ' Shackle c/w Pin	1	
9.	538747	Spring	–	
10.	7004573	Wire Rope	–	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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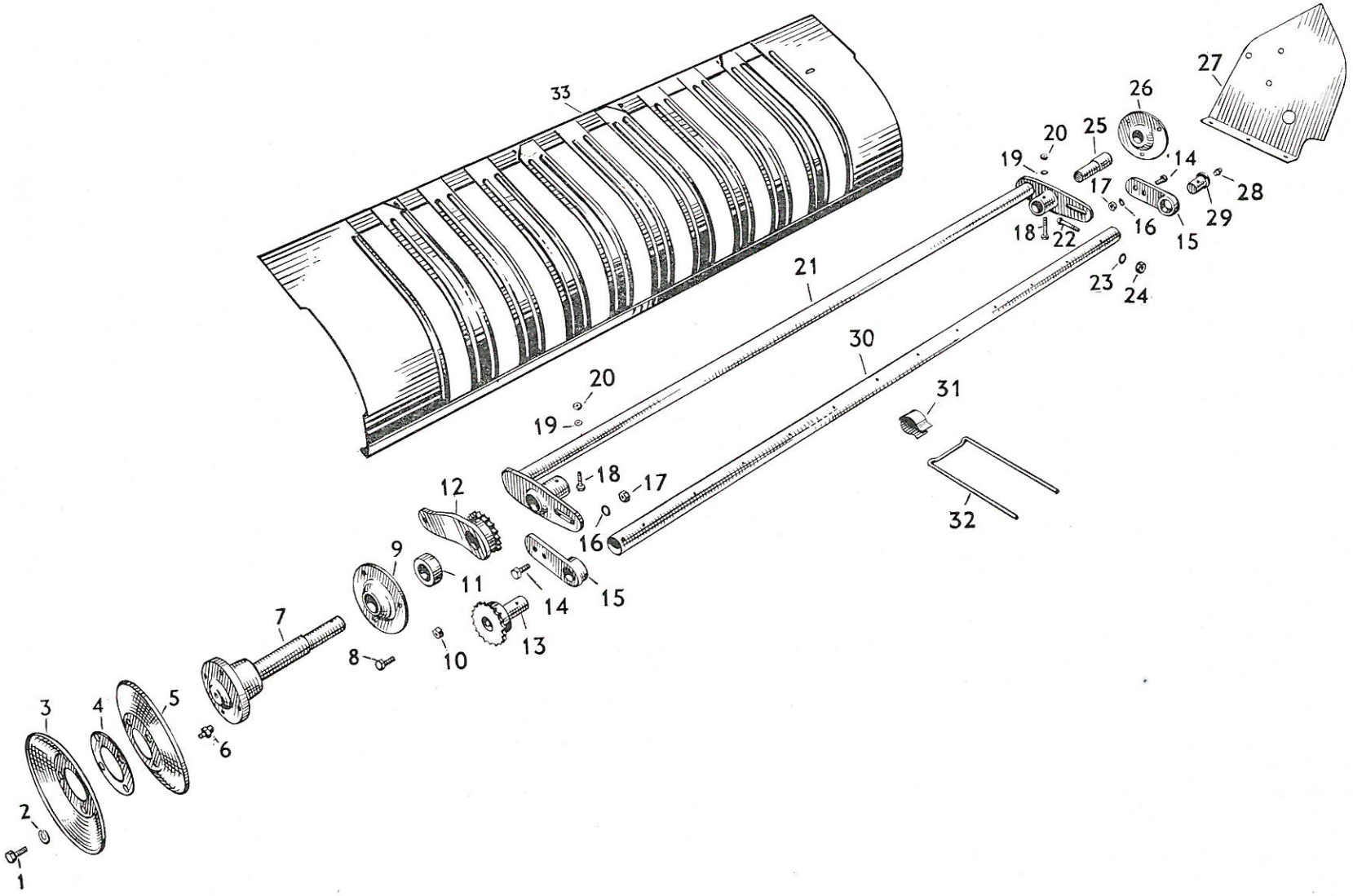
ROTOR CROP COVER

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004567	L.H. Attachment Plate	1	
	7007844	$\frac{3}{8}$″ x $\frac{3}{4}$″ U.N.C. Mush HD Bolt	2	
	916965	$\frac{3}{8}$″ Spring Washer	2	
	916950	$\frac{3}{8}$″ U.N.C. Nut	2	
2.	7004518	R.H. Attachment Plate	1	
	7007844	$\frac{3}{8}$″ x $\frac{3}{4}$″ U.N.C. Mush HD Bolt	2	
	916965	$\frac{3}{8}$″ Spring Washer	2	
	916950	$\frac{3}{8}$″ U.N.C. Nut	2	
3.	7004565	Crop Cover	1	
	910830	$\frac{7}{8}$″ Washer	2	
	900808	$\frac{1}{8}$″ x 1$\frac{1}{2}$″ Split Pin	2	
4.	538761	Spring	1	Not Illustrated

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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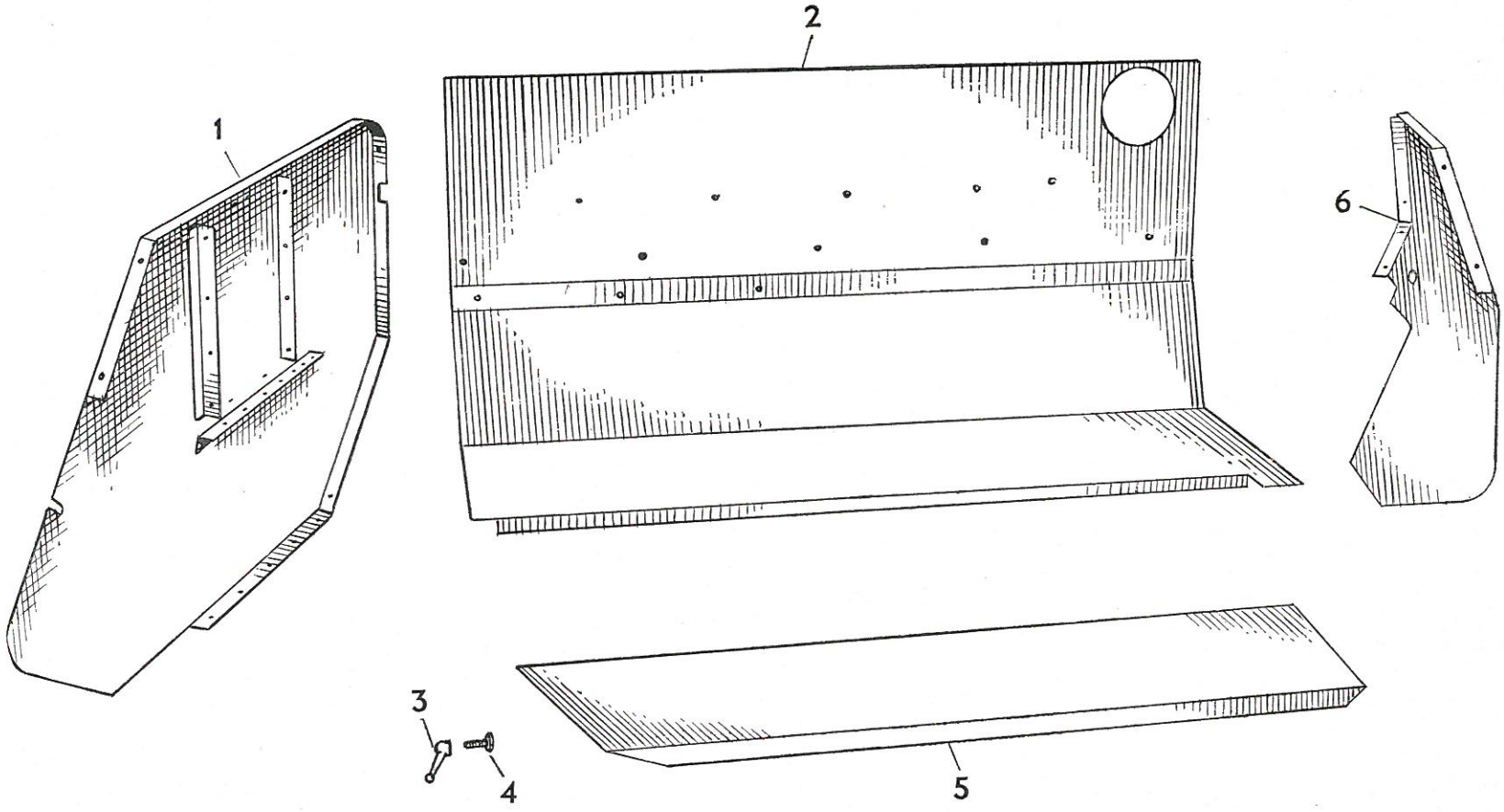
FEED ASSISTOR

(when fitted)

Ref No.	Part No.	Description	No. Off	Remarks
1.	915408	$\frac{3}{8}$" x $\frac{3}{4}$" U.N.C. Hex Bolt	4	
2.	904206	$\frac{3}{8}$" Spring Washer	4	
3.	7002346	'V' Pulley Half....	1	
4.	7004279	Spacing Washer $\frac{1}{32}$"	A.R.	
	7004280	Spacing Washer $\frac{1}{16}$"	A.R.	
	7004281	Spacing Washer $\frac{1}{8}$"	A.R.	
5.	7002346	'V' Pulley Half....	1	
6.	7008314	Grease Nipple	1	
7.	7004245	Outer Stub Shaft	1	
8.	915809	$\frac{5}{16}$" x $\frac{3}{4}$" U.N.C. Hex Bolt	3	
9.	538713	Bearing	1	
10.	910323	$\frac{5}{16}$" U.N.C. Hex Nut	3	
	904205	$\frac{5}{16}$" Spring Washer	3	
11.	7004261	Distance Piece	1	
12.	7004258	Fixed Sprocket Assy.	1	
	7004305	Bush	1	
	916271	$\frac{3}{8}$" x 1" U.N.C. Hex Bolt	1	
	913544	$\frac{3}{8}$" Washer	1	
	904206	$\frac{3}{8}$" Spring Washer	1	
	910324	$\frac{3}{8}$" U.N.C. Hex Nut	1	
13.	700300	Tine Sprocket	1	
14.	914392	$\frac{5}{16}$" x 1" U.N.C. Hex Bolt	4	
15.	7004262	Drive Shaft Arm R.H.	1	
	7004306	Bush	1	
	7004277	Drive Shaft Arm L.H.	1	
	7004307	Bush	1	
16.	904205	$\frac{5}{16}$" Spring Washer	4	
17.	910323	$\frac{5}{16}$" U.N.C. Hex Nut	4	
18.	916286	$\frac{1}{4}$" x 1$\frac{1}{2}$" U.N.C. Hex Bolt	2	
19.	904204	$\frac{1}{4}$" Spring Washer	2	
20.	910880	$\frac{1}{4}$" U.N.C. Hex Nut	2	
21.	7004248	Drive Shaft	1	
22.	918794	$\frac{1}{4}$" x 1$\frac{3}{8}$" U.N.C. Hex Bolt	2	
23.	904204	$\frac{1}{4}$" Spring Washer	2	
24.	910880	$\frac{1}{4}$" U.N.C. Hex Bolt	2	
25.	7004247	Inner Stub Shaft	1	
26.	538713	Bearing	1	
27.	7004255	Bearing Support Plate	1	
28.	7008314	Grease Nipple	1	
29.	7004299	Tine Shaft Stub	1	
30.	7004269	Tine Shaft	1	
31.	7004264	Tine Clip	6	
32.	7004246	Tine	6	
	7004263	Chain (Drive Chain)	1	
33.	7004244	Slotted Cover	1	
34.	7008049	Cover, Conveyor Top .... (Not illustrated)		For machines not fitted with Feed-Assistor

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES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CONVEYOR

Ref No.	Part No.	Description	No. Off	Remarks
1.	7004274	Conveyor Side	1	When Feeder Assistor fitted
	7007902	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Mush HD Screw	7	
	915406	$\frac{1}{4}$" x $\frac{3}{4}$" U.N.C. Hex Bolt	8	
	7007904	$\frac{1}{4}$" x $\frac{3}{4}$" U.N.C. Mush HD Screw	8	
	7007905	$\frac{1}{4}$" x 1" U.N.C. Mush HD Screw	4	
	916284	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Hex Bolt	5	
	904204	$\frac{1}{4}$" Spring Washer	32	
	910880	$\frac{1}{4}$" U.N.C. Nut	32	
	7008048	Conveyor Side	1	
2.	7004283	Conveyor Back and Floor	1	
	7007902	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Mush HD Screw	6	
	904204	$\frac{1}{4}$" Spring Washer	6	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	6	
	7007908	$\frac{5}{16}$" x $\frac{3}{4}$" U.N.C. Mush HD Screw	17	
	904205	$\frac{5}{16}$" Spring Washer	17	
	910323	$\frac{5}{16}$" U.N.C. Hex Nut	17	
3.	7004561	Clamp	1	
4.	913119	$\frac{1}{2}$" x 1$\frac{1}{4}$" U.N.C. Carr. Bolt	1	
5.	7004270	Conveyor Top Panel	1	
	7007902	$\frac{1}{4}$" x $\frac{1}{2}$" U.N.C. Mush HD Screw	6	
	904204	$\frac{1}{4}$" Spring Washer	6	
	910880	$\frac{1}{4}$" U.N.C. Nut	6	
	7004288	Top Panel (Clip and Catch)	1	
	916955	$\frac{1}{4}$" Washer	2	
	916952	$\frac{1}{4}$" U.N.C. Wing Nut	2	
6.	7004275	Conveyor Side	1	
	7007902	$\frac{1}{4}$" x 1$\frac{1}{2}$" U.N.C. Mush HD Screw	7	
	904204	$\frac{1}{4}$" Spring Washer	7	
	910880	$\frac{1}{4}$" U.N.C. Hex Nut	7	
	7007908	$\frac{5}{16}$" x $\frac{3}{4}$" U.N.C. Mush HD Screw	2	
	904205	$\frac{5}{16}$" Spring Washer	2	
	910323	$\frac{5}{16}$" U.N.C. Hex Nut	2	

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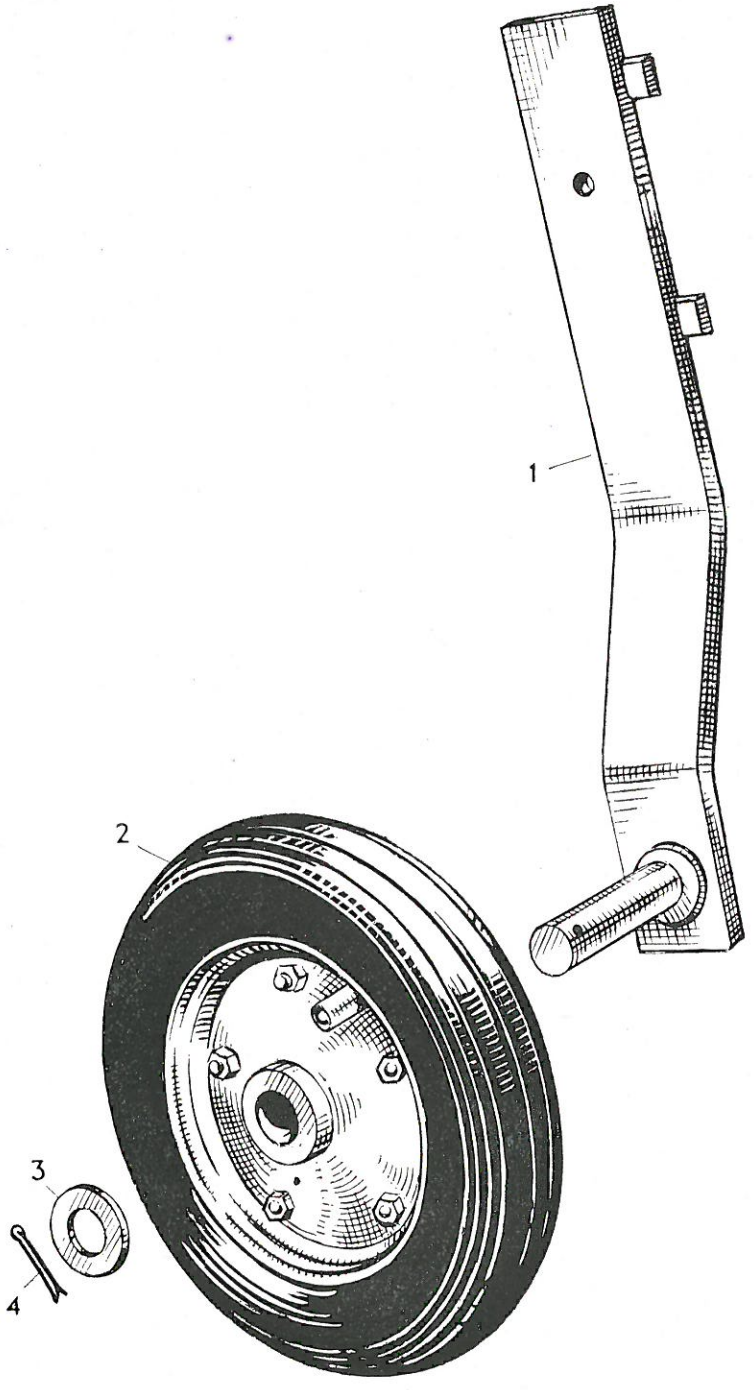
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ROTOR LAND WHEEL

Ref No.	*Part No.*	*Description*	*No. Off*	*Remarks*
1.	7006809	Bracket	1	
2.	7008938	Wheel Complete	1	
3.	7004485	Spacer	1	
4.	915751	$\frac{3}{16}$" x $1\frac{1}{4}$" Split Pin	1	
	913267	1" Washer	1	

ALWAYS QUOTE BALER NUMBER WHEN ORDERING SPARES